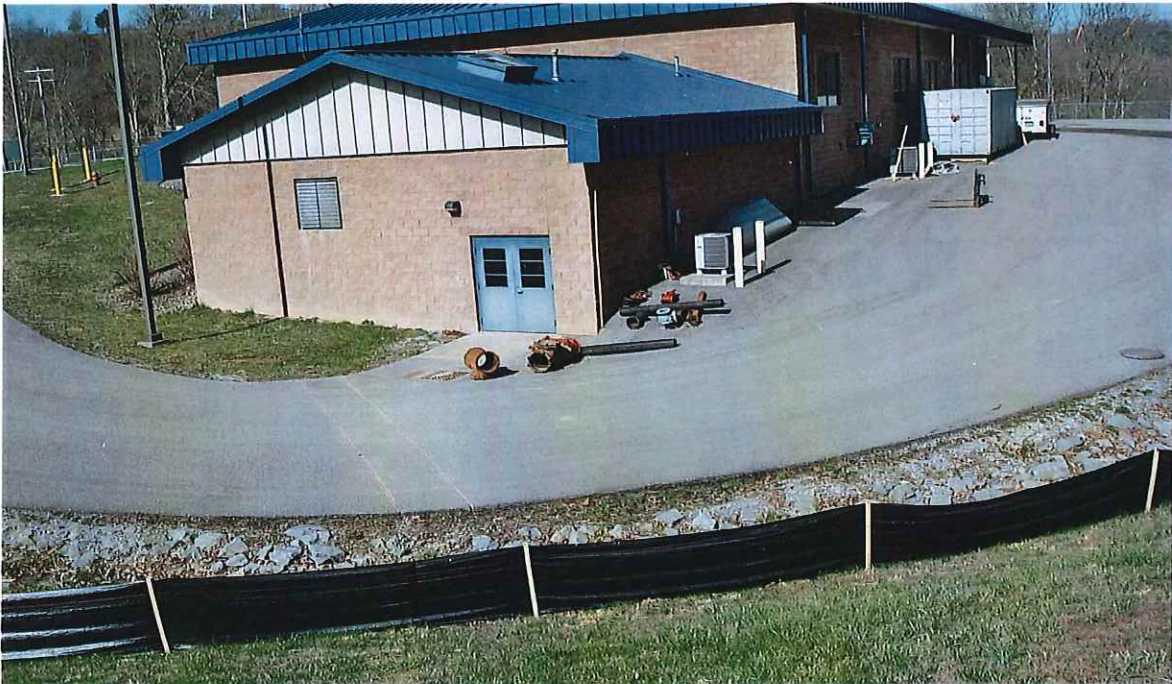


Source Water Protection Plan

HUGHES RIVER WATER BOARD

PWSID [WV 3304307]

RITCHIE COUNTY



March 2016

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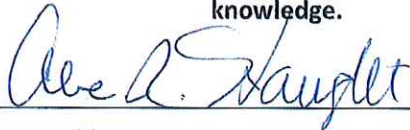
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I certify the information in the source water protection plan is complete and accurate to the best of my knowledge.



Signature of responsible party or designee authorized to sign for water utility:

Mayor Alan Haught

Print Name of Authorizing Signatory (see instructions):

Water Board President

Title of Authorizing Signatory:

May 31, 2016

Date of Submission (mm/dd/yyyy):

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SOURCE WATER PROGRAM ACRONYMS

AST	Aboveground Storage Tank
BMP	Best Management Practices
ERP	Emergency Response Plan
GWUDI	Ground Water Under the Direct Influence of Surface Water
LEPC	Local Emergency Planning Committee
OEHS/EED	Office of Environmental Health Services/Environmental Engineering Division
PE	Professional Engineer
PSSCs	Potential Source of Significant Contamination
PWSU	Public Water System Utility
RAIN	River Alert Information Network

RPDC	Regional Planning and Development Council
SDWA	Safe Drinking Water Act
SWAP	Source Water Assessment and Protection
SWAPP	Source Water Assessment and Protection Program
SWP	Source Water Protection
SWPP	Source Water Protection Plan
WARN	Water/Wastewater Agency Response Network
WHPA	Wellhead Protection Area
WHPP	Wellhead Protection Program
WSDA	Watershed Delineation Area
WVBPH	West Virginia Bureau for Public Health
WVDEP	West Virginia Department of Environmental Protection
WVDHHR	West Virginia Department of Health and Human Resources
WVDHSEM	Division of Homeland Security and Emergency Management
ZCC	Zone of Critical Concern
ZPC	Zone of Peripheral Concern

Purpose

The goal of the West Virginia Bureau of Public Health (WVBPH) source water assessment and protection (SWAP) program is to prevent degradation of source waters which may preclude present and future uses of drinking water supplies to provide safe water in sufficient quantity to users. The most efficient way to accomplish this goal is to encourage and oversee source water protection on a local level. Many aspects of source water protection may be best addressed by engaging local stakeholders.

The intent of this document is to describe what Hughes River Water Authority has done, is currently doing, and plans to do to protect its source of drinking water. Although this water system treats the water to meet federal and state drinking water standards, conventional treatment does not fully eradicate all potential contaminants and treatment that goes beyond conventional methods is often very expensive. By completing this plan, Hughes River Water Authority acknowledges that implementing measures to minimize and mitigate contamination can be a relatively economical way to help ensure the safety of the drinking water.

What are the benefits of preparing a Source Water Protection Plan?

- Fulfills the requirement for the public water utilities to complete or update their source water protection plan.
- Identifying and prioritizing potential threats to the source of drinking water; and establishing strategies to minimize the threats.
- Planning for emergency response to incidents that compromise the water supply by contamination or depletion, including how the public, state, and local agencies will be informed.
- Planning for future expansion and development, including establishing secondary sources of water.
- Ensuring conditions to provide the safest and highest quality drinking water to customers at the lowest possible cost.
- Providing more opportunities for funding to improve infrastructure, purchase land in the protection area, and other improvements to the intake or source water protection areas.

Background: WV Source Water Assessment and Protection Program

Since 1974 the federal Safe Drinking Water Act (SDWA) has set minimum standards on the construction, operation, and quality of water provided by public water systems. In 1986, Congress amended the SDWA. A portion of those amendments were designed to protect the source water contribution areas around ground water supply wells. This program eventually became known as the Wellhead Protection Program (WHPP). The purpose of the WHPP is to prevent pollution of the source water supplying the wells.

The Safe Drinking Water Act Amendments of 1996 expanded the concept of wellhead protection to include surface water sources under the umbrella term of Source Water Protection. The amendments encourage states to establish SWAP programs to protect all public drinking water supplies. As part of this initiative states must explain how protection areas for each public water system will be delineated, how potential contaminant sources will be inventoried, and how susceptibility ratings will be established.

In 1999, the WVBPH published the West Virginia Source Water Assessment and Protection Program, which was endorsed by the United States Environmental Protection Agency. Over the next few years, WVBPH staff

completed an assessment (i.e., delineation, inventory and susceptibility analysis) for all of West Virginia's public water systems. Each public water system was sent a copy of its assessment report. Information regarding assessment reports for Hughes River Water Authority can be found in **Table 1**.

State Regulatory Requirements

On June 6, 2014, §16 1 2 and §16 1 9a of the Code of West Virginia, 1931, was reenacted and amended by adding three new sections, designated §16 1 9c, §16 1 9d and §16-1-9e. The changes to the code outlines specific requirements for public water utilities that draw water from a surface water source or a surface water influenced groundwater source.

Under the amended and new codes each existing public water utility using surface water or ground water influenced by surface water as a source must have completed or updated a source water protection plan by July 1, 2016, and must continue to update their plan every three years. Existing source water protection plans have been developed for many public water utilities in the past. If available, these plans were reviewed and considered in the development of this updated plan. Any new water system established after July 1, 2016 must submit a source water protection plan before they start to operate. A new plan is also required when there is a significant change in the potential sources of significant contamination (PSSC) within the zone of critical concern (ZCC).

The code also requires that public water utilities include details regarding PSSCs, protection measures, system capacities, contingency plans, and communication plans. Before a plan can be approved, the local health department and public will be invited to contribute information for consideration. In some instances, public water utilities may be asked to conduct independent studies of the source water protection area and specific threats to gain additional information.

System Information

Hughes River Water Authority is classified as a state regulated public utility and operates a community public water system. A community public water system is a system that regularly supplies drinking water from its own sources to at least 15 service connections used by year round residents of the area or regularly serves 25 or more people throughout the entire year. For purposes of this source water protection plan, community public water systems are also referred to as public water utilities. Information on the population served by this utility is presented in **Table 1** below.

Table 1. Population Served by Hughes River Water Authority

Administrative office location:		1501 E Main Street, Harrisville, WV 26362	
Is the system a public utility, according to the Public Service Commission rule?		Yes	
Date of Most Recent Source Water Assessment Report:		April 2003	
Date of Most Recent Source Water Protection Plan:		May 2010	
Population served directly:		4 – Resale Customers	
Bulk Water Purchaser Systems:	System Name	PWSID Number	Population
	Town of Harrisville		2246
	City of Pennsboro		1291
	City of Ellenboro		456
	Town of Cairo		406
Total Population Served by the Utility:		4399	
Does the utility have multiple source water protection areas (SWPAs)?		No	
How many SWPAs does the utility have?		1	

Water Treatment and Storage

As required, Hughes River Water Board has assessed their system (e.g., treatment capacity, storage capacity, unaccounted for water, contingency plans) to evaluate their ability to provide drinking water and protect public health. **Table 2** contains information on the water treatment methods and capacity of the utility. Information about the surface sources from which Hughes River Water Board draws water can be found in **Table 3**. If the utility draws water from any groundwater sources to blend with the surface water the information about these ground water sources can be found in **Table 4**.

Table 2. Hughes River Water Board Water Treatment Information

<p>Water Treatment Processes (List All Processes in Order)</p>	<p>Two (2) 1750 gpm raw water pumping stations Dual train flocculation/sedimentation process Two (2) multimedia gravity filters 250,000 gallon clearwell 146,000 gallon backwash holding/recycling tank</p>
<p>Current Treatment Capacity (gal/day)</p>	<p>2.5 Million</p>
<p>Current Average Production (gal/day)</p>	<p>483,476</p>
<p>Maximum Quantity Treated and Produced (gal)</p>	<p>1.771 Million</p>
<p>Minimum Quantity Treated and Produced (gal)</p>	<p>65,000</p>
<p>Average Hours of Operation</p>	<p>4.97</p>
<p>Maximum Hours of Operation in One Day</p>	<p>17.89</p>
<p>Minimum Hours of Operation in One Day</p>	<p>0.66</p>
<p>Number of Storage Tanks Maintained</p>	<p>2</p>
<p>Total Gallons of Treated Water Storage (gal)</p>	<p>1.5 Million</p>

Total Gallons of Raw Water Storage (gal)	250,000
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Table 3. Hughes River Water Board Surface Water Sources

Intake Name	SDWIS #	Local Name	Describe Intake	Name of Water Source	Date Constructed/ Modified	Frequency of Use (Primary/ Backup/ Emergency)	Activity Status (Active/ Inactive)
Stage 1	Stage 1	River Intake	2-30" Intake Screen	Hughes River	2001	N/A	Active

Table 4. Hughes River Water Board Groundwater Sources

Does the utility blend with groundwater?					N/A				
Well/Spring Name	SDWIS #	Local Name	Date Constructed/ Modified	Completion Report Available (Yes/No)	Well Depth (ft)	Casing Depth (ft)	Grout (Yes/No)	Frequency of Use (Primary/ Backup/ Emergency)	Activity Status (Active/ Inactive)

Delineations

For surface water systems, delineation is the process used to identify and map the drainage basin that supplies water to a surface water intake. This area is generally referred to as the source water protection area (SWPA). All surface waters are susceptible to contamination because they are exposed at the surface and lack a protective barrier from contamination. Accidental spills, releases, sudden precipitation events that result in overland runoff, or storm sewer discharges can allow pollutants to readily enter the source water and potentially contaminate the drinking water at the intake. The SWPA for surface water is distinguished as a Watershed Delineation Area (WSDA) for planning purposes; and the Zone of Peripheral Concern (ZPC) and Zone of Critical Concern (ZCC) are defined for regulatory purposes.

The WSDA includes the entire watershed area upstream of the intake to the boundary of the State of West Virginia border or a topographic boundary. The ZCC for a public surface water supply is a corridor along streams within the watershed that warrants more detailed scrutiny due to its proximity to the surface water intake and the intake's susceptibility to potential contaminants within that corridor. The ZCC is determined using a mathematical model that accounts for stream flows, gradient and area topography. The length of the ZCC is based on a five-hour time-of-travel of water in the streams to the water intake, plus an additional one-quarter mile below the water intake. The width of the zone of critical concern is 1,000 feet measured horizontally from each bank of the principal stream and five hundred feet measured horizontally from each bank of the tributaries draining into the principal stream. Ohio River ZCC delineations are based on ORSANCO guidance and extend 25 miles above the intake and one-quarter mile below the intake. The Ohio River ZCC delineations include 1,320 feet (one-quarter mile) measured from the bank of the main stem of the Ohio River and 500 feet on tributary.

The ZPC for a public surface water supply source and for a public surface water influenced groundwater supply source is a corridor along streams within a watershed that warrants scrutiny due to its proximity to the surface water intake and the intake's susceptibility to potential contaminants within that corridor. The ZPC is determined using a mathematical model that accounts for stream flows, gradient and area topography. The length of the zone of peripheral concern is based on an additional five-hour time-of-travel of water in the streams beyond the perimeter of the zone of critical concern, which creates a protection zone of ten hours above the water intake. The width of the zone of peripheral concern is one thousand feet measured horizontally from each bank of the principal stream and five hundred feet measured horizontally from each bank of the tributaries draining into the principal stream.

For groundwater supplies there are two types of SWPA delineations: 1) wellhead delineations and 2) conjunctive delineations, which are developed for supplies identified as groundwater under the direct influence of surface water, or GWUDIs. A wellhead protection area is determined to be the area contributing to the recharge of the groundwater source (well or spring), within a five year time of travel. A conjunctive delineation combines a wellhead protection area for the hydrogeologic recharge and a connected surface area contributing to the wellhead.

Information and maps of the WSDA, ZCC, ZPC and Wellhead Protection Area for this public water supply were provided to the utility and are attached to this report. See **Appendix A**. Other information about the WSDA is shown in **Table 5**.

Table 5. Watershed Delineation Information

Size of WSDA (Indicate units)	79.12154 sq miles
River Watershed Name (8-digit HUC)	76646885
Size of Zone of Critical Concern (Acres)	10,616
Size of Zone of Peripheral Concern (Acres) (Include ZCC area)	20,746
Method of Delineation for Groundwater Sources	WVDHHR – BPH disc
Area of Wellhead Protection Area (Acres)	N/A

Protection Team

One important step in preparing a source water protection plan is to organize a source water protection team who will help develop and implement the plan. The legislative rule requires that water utilities make every effort to inform and engage the public, local government, local emergency planners, the local health department and affected residents at all levels of the development of the protection plan. WVBPH recommends that the water utility invite representatives from these organizations to join the protection team, which will ensure that they are given an opportunity to contribute in all aspects of source water protection plan development. Public water utilities should document their efforts to engage representatives and provide an explanation if any local stakeholder is unable to participate. In addition, other local stakeholders may be invited to participate on the team or contribute information to be considered. These individuals may be emergency response personnel, local decision makers, business and industry representatives, land owners (of land in the protection area), and additional concerned citizens.

The administrative contact for Hughes River Water Authority is responsible for assembling the protection team and ensuring that members are provided the opportunity to contribute to the development of the plan. The acting members of the Protection Team are listed in **Table 6**.

The role of the protection team members will be to contribute information to the development of the source water protection plan, review draft plans and make recommendations to ensure accuracy and completeness, and when possible contribute to implementation and maintenance of the protection plan. The protection team members are chosen as trusted representatives of the community served by the water utility and may be designated to access confidential data that contains details about the local PSSCs. The input of the protection team will be carefully considered by the water utility when making final decisions relative to the documentation and implementation of the source water protection plan.

Hughes River Water Authority will be responsible for updating the source water protection plan and rely upon input from the protection team and the public to better inform their decisions. To find out how you can become involved as a participant or contributor, visit the utility website or call the utility phone number, which are provided in **Table 6**.

Table 6. Protection Team Member and Contact Information

Name	Representing	Title	Phone Number	Email
Kevin Burns	Harrisville VFD	Officer	304-643-2648	
Bill Bayless	Ellenboro VFD		304-869-3231	
Jim White	OES		304-481-0748	
Gary Haugh	Cairo	Mayor	304-628-3742	
Eric Shoemaker	Hughes River Water Plant	Operator	304-643-5523	
Alan Haught	Harrisville	Mayor	304-653-2719	Hmayor26362@yahoo.com
John Hatfield	911 Center		304-643-4768	
Michael Todd Hall	Citizens		304-869-3400	
Robert Riggs	Pennsboro	Mayor/VFD Rep	304-643-2325	
Date of first protection Team Meeting		May 18, 2016		
Efforts made to inform and engage local stakeholders (public, local government, local emergency planners, local health department, and affected residents) and explain absence of recommended stakeholders:		Contacted all parties by letter to join the protection team. Above information is everything that is available. Protection team and public meeting held at the Town Hall. The meeting was advertised in the local paper and posted at the Town Hall. Public meeting was attended by Friends of the Hughes River Watershed. Comments are in Appendix F.		

Potential Sources of Significant Contamination

Source water protection plans should provide a complete and comprehensive list of the PSSC contained within the ZCC based upon information obtained from the WVBPH, working in cooperation with the Department of Environmental Protection (WVDEP) and the Division of Homeland Security and Emergency Management (WVDHSEM). A facility or activity is listed as a PSSC if it has the potential to release a contaminant that could potentially impact a nearby public water supply, and it does not necessarily indicate that any release has occurred.

The list of PSSCs located in the SWPA is organized into two types: 1) SWAP PSSCs, and 2) Regulated Data. SWAP PSSCs are those that have been collected and verified by the WVBPH SWAP program during previous field investigations to form the source water assessment reports and source water protection plans. Regulated PSSCs are derived from federal and state regulated databases, and may include data from WVDEP, US Environmental Protection Agency, WVDHSEM, and from state data sources.

Confidentiality of PSSCs

A list of the PSSCs contained within the ZCC should be included in the source water protection plan. However, the exact location, characteristics and approximate quantities of contaminants shall only be made known to one or more designees of the public water utility and maintained in a confidential manner. In the event of a chemical spill, release or other related emergency, information pertaining to the contaminant shall be immediately disseminated to any emergency responders reporting to the site. The designees for Hughes River Water Authority are identified in the communication planning section of the source water protection plan.

PSSC data from some agencies (ex. (WVDHSEM), WVDEP, etc.) may be restricted due to the sensitive nature of the data. Location data will be provided to the public water utility. However, to obtain specific details regarding contaminants, (such as information included in Tier II reports) water utilities should contact the local emergency planning commission (LEPC) or agencies, directly. While the maps and lists of the PSSCs and regulated sites are to be maintained in a confidential manner, these data are provided in **Appendix A** for internal review and planning uses only.

Local and Regional PSSCs

For the purposes of this source water protection plan, local PSSCs are those that are identified by the water utility and local stakeholders not included in the PSSCs lists distributed by the WVBPH and other agencies. Local stakeholders may identify local PSSCs for two main reasons. The first is that it is possible that threats exist from unregulated sources and land uses that have not already been inventoried and do not appear in regulated databases. For this reason each public water utility should investigate their protection area for local PSSCs. A PSSC inventory should identify all contaminant sources and land uses in the delineated ZCC. The second reason local PSSCs are identified is because public water utilities may consider expanding the PSSC inventory effort outside of the ZCC into the ZPC and WSDA if necessary to properly identify all threats that could impact the drinking water source. As the utility considers threats in the watershed they may consider collaborating with upstream communities to identify and manage regional PSSCs.

When conducting local and regional PSSC inventories, utilities should consider that some sources may be obvious like above ground storage tanks, landfills, livestock confinement areas, highway or railroad right of ways, and sewage treatment facilities. Others are harder to locate like abandoned cesspools, underground tanks, French drains, dry wells, or old dumps and mines.

Hughes River Water Authority reviewed intake locations and the delineated SWPAs to verify the existence of PSSCs provided by the WVBPH and identify new PSSCs. If possible, locations of regulated sites within the SWPA were confirmed. Information on any new or updated PSSCs identified by Hughes River Water Authority that do not already appear in datasets from the WVBPH can be found in **Table 7**.

Table 7. Locally Identified Potential Sources of Significant Contamination (NEW INFO PROVIDED BY UTILITY)

PSSC Number	Map Code	Site Name	Site Description	Comments
NOTHING NEW AT THIS TIME				
SEE APPENDIX A				

Prioritization of Potential Threats and Management Strategies

Once the utility has identified local concerns, they must develop a management plan that identifies specific activities that will be pursued by the public water utility in cooperation and concert with the WVBPH, local health departments, local emergency responders, LEPCs, and other agencies or organizations to protect the source water from contamination.

Depending on the number identified, it may not be feasible to develop management strategies for all of the PSSCs in the SWPA. The identified PSSCs can be prioritized by potential threat to water quality, proximity to the intake(s), and local concern. The highest priority PSSCs can be addressed first in the initial management plan. Lower ranked PSSCs can be addressed in the future as time and resources allow. To assess the threat to the source water, water systems should consider confidential information about each PSSC. This information may be obtained from state or local emergency planning agencies, Tier II reports, facility owner, facility groundwater protection plans, spill prevention response plans, results of field investigations, etc.

In addition to identifying and prioritizing PSSCs within the SWPA, local source water concerns may also focus on critical areas. For the purposes of this source water protection plan, a critical area is defined as an area that is identified by local stakeholders and can lie within or outside of the ZCC. Critical areas may contain one or more PSSC(s) which would require immediate response to address a potential incident that could impact the source water.

A list of priority PSSCs was selected and ranked by the Hughes River Water Authority Protection Team. This list reflects the concerns of this specific utility and may contain PSSCs not previously identified and not within the ZCC or ZPC. **Table 8** contains a description of why each critical area or PSSC is considered a threat and what management strategies the utility is either currently using or could use in the future to address each threat.

Implementation Plan for Management Strategies

Hughes River Water Authority reviewed the recommended strategies listed in their previous source water protection plan, to consider if any of them should be adopted and incorporated in this updated plan. **Table 9** provides a brief statement summarizing the status of the recommended strategies. **Table 9** also lists strategies from a previous plan that are being incorporated in this plan update.

When considering source management strategies and education and outreach strategies, this utility has considered how and when the strategies will be implemented. The initial step in implementation is to establish responsible parties and timelines to implement the strategies. The water utility, working in conjunction with the protection team members, can determine the best process for completing activities within the projected time periods. Additional meetings may be needed during the initial effort to complete activities, after which the Protection Team should consider meeting annually to review and update the Source Water Protection Plan. A system of regular updates should be included in every implementation plan.

Proposed commitments and schedules may change but should be well documented and reported to the local stakeholders. If possible, utilities should include cost estimates for strategies to better plan for implementation and possible funding opportunities. Hughes River Water Authority has developed an implementation plan for priority concerns **Table 8**. The responsible team member, timeline, and potential cost of each strategy are presented in **Table 9**. Note: Because timelines may change, future plan updates should describe the status of each strategy and explain the lack of progress.

Table 8. Priority PSSCs or Critical Areas

PSSC or Critical Area	Priority Number	Reason for Concern
Marcellus Shale Activity	1	Hydraulic fracturing (fracking) is concerning due to the potential to contaminate source water. It also has the potential of putting a strain on existing fresh water sources due to the large volumes required for the fracking process.
Septic Tanks and Sewer Systems	2	<p>There are residential septic systems in the protection watershed. Failing septic systems can leach into surrounding soils or run off into surface water. Untreated runoff can increase bacterial concentrations in source water, especially when the river is at low flow conditions.</p> <p>Under normal operating conditions on-site sewage treatment systems would not be expected to contaminate source water. However, failing septic systems may allow untreated sewage to contaminate the surface water source. Untreated sewage contains total coliform, particularly <i>E. coli</i>, along with other bacteria and parasites that could negatively impact human health if treatment processes are not adjusted to address the contamination.</p>
Highway Traffic and Maintenance	3	Several roadways parallel streams draining to the intakes. If an accident were to occur, spilled materials could potentially contaminate the source water.
Oil and Gas Transmission Lines	4	Numerous Oil and Gas lines have been installed over recent years due to the Marcellus Shale Activity (see above). There is potential to contaminate the source water if any of the lines were to leak into the Watershed. Also concerns with the loading points for oil and gas industry

Table 9. Priority PSSC Management Strategies

PSSC or Critical Area	Management Activity	Responsible Protection Team Member	Status/Schedule	Comments	Estimated Cost
Marcellus Shale Activity & Oil and Gas Transmission Lines	Chemicals used for shale activity can migrate into the water supply.	Entire Team	Ongoing	Work with the industry to make sure that the Authority is notified immediately if there are any issues.	Meetings with owners / operators
Septic Tanks and Sewer Systems	<p>There are residential septic systems in the protection watershed. Failing septic systems can leach into surrounding soils or run off into surface water. Untreated runoff can increase bacterial concentrations in source water, especially when the river is at low flow conditions.</p> <p>Under normal operating conditions on-site sewage treatment systems would not be expected to contaminate source water. However, failing septic systems may allow untreated sewage to contaminate the surface water source. Untreated sewage contains total coliform, particularly E. coli, along with other bacteria and parasites that could negatively impact human health if treatment processes are not adjusted to address the</p>	Harrisville / Cairo / Ellenboro	Ongoing	Keep authority informed of status of septic / sewer systems in each of the water resale areas.	Meetings with owners / operators

	contamination.				
Highway Traffic and Maintenance	Roadways parallel streams draining to primary intakes. If an accident were to occur, spilled materials could potentially contaminate the source water.	Harrisville / Cairo / Ellenboro	Ongoing	Proper communication to the Water Plant if anything was to happen in any of the resale areas in the watershed.	

Education and Outreach Strategies

The goal of education and outreach is to raise awareness of the need to protect drinking water supplies and build support for implementation strategies. Education and outreach activities will also ensure that affected citizens and other local stakeholders are kept informed and provided an opportunity to contribute to the development of the source water protection plan. Hughes River Water Authority has created an Education and Outreach plan that describes activities it has either already implemented or could implement in the future to keep the local community involved in protecting their source of drinking water. This information can be found in **Table 10**.

Table 10. Education and Outreach Implementation Plan

Education and Outreach Strategy	Description of Activity	Responsible Protection Team Member	Status/Schedule	Comments	Estimated Cost
Consumer Confidence Report	<p>The water system publishes a Consumer Confidence Report (CCR) annually, as required by the Safe Drinking Water Act, which is sent to all water customers. Information concerning the Source Water Assessment is included in the CCR. In the future, the system will include a reference to this source water protection plan and how customers can access a copy.</p>	HRWB	Ongoing	Provided as needed	Mail outs
CCR-Pharmaceuticals	<p>Due to recent heightened concerns about the effects of pharmaceuticals in surface water bodies, include in the 2010 CCR information about pharmaceuticals and how to properly dispose of them. Obtain and distribute pamphlets developed by the Ohio River Valley Water Sanitation Commission regarding pharmaceutical disposal. This pamphlet can be viewed and possibly ordered from: http://orsanco.org/index.php/brochures</p>	HRWB	Ongoing	Provided as needed	Mail outs

<p>Brochures, pamphlets, and letters</p>	<p>Send a letter and/or brochure providing educational information to residences and businesses. These will alert the recipients of the need for source water protection and conservation. Businesses that use greater-than-household quantities of regulated substances may receive a different letter.</p> <p>Several organizations provide information and resources on the internet, related to certain source water concerns and PCSs. The utility will consider obtaining these materials when needed, to educate the community. Examples of these resources are described below.</p> <p>The Source Water Collaborative has released an educational brochure building tool to assist with creating custom brochures targeting local decision makers. This tool is available at: http://www.yourwateryourdecision.org and may assist in community planning and development.</p> <p>USEPA Water Sense Simple Steps to Save Water (EPA-832-F-07-011) presents benefits of conserving water. Focusing not only on the environment, but also on the financial savings associated with conservation. The brochure can be</p>	<p>HRWB</p>	<p>Reviewing</p>	<p>Looking into providing educational information which has been provided by the WWRWA.</p>	<p>Educational information – hand outs</p>
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	viewed at: http://www.epa.gov/watersense/docs/ws_simplesteps508.pdf				
School Curricula	<p>Work with the school system to incorporate source water activities into the school curricula. One example of school curricula is Project WET. For more information regarding free workshops to educate area teachers on Project WET, visit http://www.dep.wv.gov/WWE/getinvolved/WET/Pages/default.aspx, or contact the WVDEP at 304-926-0495.</p> <p>In addition, the USEPA offers free educational materials for teachers and students, including classroom lessons, fact sheets, and interactive games and activities, for grades K-12. These materials can be accessed at the following websites.</p> <p>For general source water protection: http://www.epa.gov/safewater/kids/index.html.</p> <p>For water conservation: http://www.epa.gov/watersense/resources/educational_materials.html</p> <p>Similar protection and conservation related resources can be found at the Groundwater Foundation</p>	HRWB / Individual resale clients	Reviewing	Reviewing potential to put together information that could be presented to the school system. WVRWA had several curricula available.	Time to lesson plan and present information. Educational hand outs.

	<p>website; http://www.groundwater.org/kc/kc.html</p> <p>Visit school or invite students for a plant tour to tie in with school curricula.</p> <p>Ask the school to include message in school newsletter to raise awareness about source water protection and conservation.</p>				
Plant Tours	<p>Provide tours of the water plant to interested organizations such as watershed groups, schools, and civic organizations. Tours are offered as requested.</p> <p>Organize a tour with local Emergency Responders to make them familiar with the facilities in the event of an emergency.</p>	HRWB	Ongoing	Have offered tours in the past.	Time
Drinking Water Protection Signs	<p>Erecting Drinking Water Protection Signs along highways is a common awareness strategy in some states and recommended by the USEPA. Signs are placed to alert the public to the SWPA and about what to do in case of accidental spills. The WV Division of Highways (WVDOH) has not approved the placement of signs along or adjacent to state highway rights of way for the purposes of</p>	Entire Protection team	Ongoing	Reviewing potential signage provided by WVRWA	Constructing and erecting signage.

	<p>source water protection, except for specific sensitive areas. If you believe erecting signs along a state highway is imperative to your source water protection, please contact the local DOH District. If approved the WVDHHR may place and maintain signs along state highways at mutually acceptable locations.</p> <p>In addition, the WVDHHR recommends erecting awareness signs in public areas and along city streets not associated with state highways. The WVDHHR may distribute standard signs or provide financial support through a Source Water Protection Grant. The water system will be responsible for erecting and maintaining the signs in public areas and along city streets.</p>				
Emergency Planning and Coordination	<p>Participate with local fire departments and County Emergency Services on a regular basis. This will ensure that all the agencies are in constant communication with one another and prepared in the event of an emergency.</p>	HRWB / individual resale customers	Ongoing	Continue to keep open communication with each community.	
Partner with Watershed Association	<p>Partner with local watershed associations or other civic groups. These groups may have similar goals and available volunteers that can integrate source water protection</p>	Entire Protection Team	Ongoing	Continue to work with the Friends of the Hughes Watershed Association.	

	into their efforts.				
Public Meeting	Hold an informational meeting with local residents about source water protection efforts. The meeting will increase awareness of the connection between land use and drinking water quality. This meeting could be structured as a water fair/public event with drinking water displays and activities. This can be combined with activities of the local watershed associations.	Entire Protection Team	Ongoing	Review how many times a year the protection team can get together (possibly during regularly scheduled meetings) to review and update SWPP	Meetings.
Media Campaign	Work with the local television stations to post source water and drinking water fact bulletins on public access television.	HRWB	Reviewing	Review cost effectiveness to establish media campaign	Media time slots
County Fair	Consider providing information on source water protection for the County Health Department's booth at the County Fair, should they have one.	Entire Protection Team	Reviewing	Review potential to set up at local and county fairs to promote SWPP.	Educational Material
Social Media	Consider providing information on the SWPP on individual resale customer social media pages. Links to the local Health Department and quick references can be part of the website.	HRWB / individual resale customers	Ongoing	Harrisville currently is working on adding a social media page	Website setup and maintenance

Tier II Sites	Tier II sites were requested from the Hughes River Water Board. They currently do not have this information. The Board will work to identify Tier II sites in the critical areas (both ZCC and ZPC). Once identified, meetings will be done to keep current data on the systems.	HRWB	Ongoing	Establish the Tier II sites in critical watershed areas and set up meetings with HRWB and site owner/operators	Meetings
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Contingency Plan

The goal of contingency planning is to identify and document how the utility will prepare for and respond to any drinking water shortages or emergencies that may occur due to short and long term water interruption, or incidents of spill or contamination. Utilities should examine their capacity to protect their intake, treatment, and distribution system from contamination. They should also review their ability to use alternative sources and minimize water loss, as well as their ability to operate during power outages. In addition, utilities should report the feasibility of establishing an early warning monitoring system and meeting future water demands.

Isolating or diverting any possible contaminant from the intake for a public water system is an important strategy in the event of an emergency. One commonly used method of diverting contaminants from an intake is establishing booms around the intake. This can be effective, but only for contaminants that float on the surface of the water. Alternatively, utilities can choose to pump floating contaminants from the water or chemically neutralize the contaminant before it enters the treatment facility.

Public utilities using surface sources should be able to close the intake by one means or another. However, depending upon the system, methods for doing so could vary greatly from closing valves, lowering hatches or gates, raising the intake piping out of the water, or shutting down pumps. Systems should have plans in place in advance as to the best method to protect the intake and treatment facility. Utilities may benefit from turning off pumps and, if possible, closing the intake opening to prevent contaminants from entering the piping leading to the pumps. Utilities should also have a plan in place to sample raw water to identify the movement of a plume and allow for maximum pumping time before shutting down an intake (See Early Warning Monitoring System). The amount of time that an intake can remain closed depends on the water infrastructure and should be determined by the utility before an emergency occurs. The longer an intake can remain closed in such a case, the better.

Treated water storage capacity in the event of such an emergency also becomes extremely important. Storage capacity can directly determine how well a water system can respond to a contamination event and how long an intake can remain closed. Information regarding the water shortage response capability of Hughes River Water Authority is provided in **Table 11**.

Response Networks and Communication

Statewide initiatives for emergency response, including source water related incidents, are being developed. These include the West Virginia Water/Wastewater Agency Response Network (WV WARN, see <http://www.wvwarn.org/>) and the Rural Water Association Emergency Response Team (see <http://www.wvrwa.org/>). Hughes River Water Authority has analyzed its ability to effectively respond to emergencies and this information is provided in **Table 11**.

Table 11. Hughes River Water Authority Water Shortage Response Capability

Can the utility isolate or divert contamination from the intake or groundwater supply?	Yes
Describe the utility's capability to isolate or divert potential contaminants:	HRWB can shut down the river intake Stage 1 Lift Station so that any contamination would not make it to the Water Treatment Plant (WTP). The HRWB's source of water is the Hughes River, and there is no way to divert the flow of the river at the

	intake. It only takes approximately 1.88 minutes (560 lf of 12" pipe at a pump rate of 1750 gpm) for the water that is pumped from the lift station to reach the WTP. Early monitoring will need to be done upstream of the intake.
Can the utility switch to an alternative water source or intake that can supply full capacity at any time?	No
Describe in detail the utility's capability to switch to an alternative source:	The HRWB currently has no alternative water source or intake. Additional information is provided in the Single Source Feasibility Study.
Can the utility close the water intake to prevent contamination from entering the water supply?	Yes
How long can the intake stay closed?	The Hughes River Water Board currently has 1.5 Million gallons of storage at the existing tanks (1,000,000 gallons in the new tank and 500M in the old tank). The water plant has 250M gallons of capacity in the clearwell. The water plant has an average production of 483M Gallons per Day – peak of 1.771 Million per Day. During normal operation, the plant has roughly 3.6 days of storage. Adding another 2 Million gallons of treated storage capacity to meet a 2-day storage at maximum production puts the overall storage to 3.5 million which over 7 days storage at normal usage and does not allow for sufficient turn over in the tanks.
Describe the process to close the intake:	The raw water intake is a lift station that can be shut down by turning off the pumps. There are also inline valves that can be closed to further isolate the intake from the WTP.
Describe the treated water storage capacity of the water system:	The HRWB has four (4) customers who are "Sale for Resale" customers. The Town of Harrisville, City of Pennsboro, Town of Cairo, and City of Ellenboro all have their independent storage tanks within their water systems.
Is the utility a member of WVRWA Emergency Response Team?	Yes
Is the utility a member of WV-WARN?	Yes
List any other mutual aid agreements to provide or receive assistance in the event of an emergency:	Nothing

Operation During Loss of Power

This utility analyzed and examined its ability to operate effectively during a loss of power. This involved ensuring a means to supply water through treatment, storage, and distribution without creating a public health emergency. Information regarding the utility's capacity for operation during power outages is shown in Table 12.

Table 12. Generator Capacity

What is the type and capacity of the generator needed to operate during a loss of power?		WTP – 600 kW Generator	
Can the utility connect to generator at intake/wellhead? If yes, select a scenario that best describes system.		No capacity to connect to a generator.	
Can the utility connect to generator at treatment facility? If yes, select a scenario that best describes system.		No capacity to connect to a generator.	
Can the utility connect to a generator in distribution system? If yes, select a scenario that best describes system.		The HRWB provides water to the Town of Harrisville, City of Pennsboro, and Town of Cairo. Each of these utilities has their own booster stations to operate and maintain.	
Does the utility have adequate fuel on hand for the generator?		Currently no generators	
What is your on-hand fuel storage and how long will it last operating at full capacity?		Gallons	Hours
		N/A	
Provide a list of suppliers that could provide generators and fuel in the event of an emergency:	Supplier		Contact Name
	Generator	Bridgeport Equipment	304-659-2917
	Generator		
	Fuel	BFS	304-659-2021
Fuel			
Does the utility test the generator(s) periodically?		N/A	
Does the utility routinely maintain the generator?		N/A	

<p>If no scenario describing the ability to connect to generator matches the utility's system or if utility does not have ability to connect to a generator, describe plans to respond to power outages:</p>	<p>The Water Board has approximately 3.6 days of storage capacity. In the case of an extended power outage, portable generation can be wired in to operate the plant in different stages – Getting water from the river to the plant, water treatment in the plant, operation of high service pumps to provide water to the resale customers.</p>
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Future Water Supply Needs

When planning for potential emergencies and developing contingency plans, a utility needs to not only consider their current demands for treated water but also account for likely future needs. This could mean expanding current intake sources or developing new ones in the near future. This can be an expensive and time consuming process, and any water utility should take this into account when determining emergency preparedness. Hughes River Water Authority has analyzed its ability to meet future water demands at current capacity, and this information is included in **Table 13**.

Table 13. Future Water Supply Needs for Hughes River Water Authority

<p>Is the utility able to meet water demands with the current production capacity over the next 5 years? If so, explain how you plan to do so.</p>	<p>The HRWB is a 2.5 Million Gallons per Day Water Treatment Facility. It currently operates at a daily average of 483M GPD at roughly 5 hours per day. Increasing the daily operation time could meet the additional water demands, if any, over the next 5 years.</p>
<p>If not, describe the circumstances and plans to increase production capacity:</p>	<p>Not Applicable</p>

Water Loss Calculation

In any public water system there is a certain percentage of the total treated water that does not reach the customer. Some of this water is used in treatment plant processes such as back washing filters or flushing piping, but there is usually at least a small percentage that goes unaccounted for. To measure and report on this unaccounted for water, a public utility must use the same method used in the Public Service Commission's rule, *Rules for the Government of Water Utilities*, 150CSR7, section 5.6. The rule defines unaccounted for water as the volume of water introduced into the distribution system less all metered usage and all known non-metered usage which can be estimated with reasonable accuracy.

To further clarify, metered usages are most often those that are distributed to customers. Non-metered usages that are being estimated include uses such as by the fire departments for fires or training, un-metered bulk sells, flushing to maintain the distribution system, backwashing filters, and cleaning settling basins. By totaling the metered and non-metered uses the utility calculates unaccounted for water. Note: To complete annual reports submitted to the PSC, utilities typically account for known water main breaks by estimating the amount of water lost. However, for the purposes of the source water protection plan, any water lost due to leaks, even if the system is aware of how much water is lost at a main break, is not considered a use. Water lost through leaks and main breaks cannot be controlled during a water shortages or other emergencies and should be included in the calculation of percentage of water loss for purposes of the source water protection

plan. The data in **Table 14** is taken from the most recently submitted Hughes River Water Board PSC Annual Report.

Table 14. Water Loss Information

Total Water Pumped (gal)		177,150,000
Total Water Purchased (gal)		0
Total Water Pumped and Purchased (gal)		177,150,000
Water Loss Accounted for Except Main Leaks (gal)	Mains, Plants, Filters, Flushing, etc.	540,000
	Fire Department	0
	Back Washing	0
	Blowing Settling Basins	113,000
Total Water Loss Accounted For Except Main Leaks		653,000
Water Sold- Total Gallons (gal)		176,469,000
Unaccounted For Lost Water (gal)		28,000
Water lost from main leaks (gal)		0
Total gallons of Unaccounted for Lost Water and Water Lost from Main Leaks (gal)		28,000
Total Percent Unaccounted For Water and Water Lost from Main Leaks (gal)		0.02%
If total percentage of Unaccounted for Water is greater than 15%, please describe any measures that could be taken to correct this problem:	N/A	

Early Warning Monitoring System

Public water utilities are required to provide an examination of the technical and economic feasibility of implementing an early warning monitoring system. Implementing an early warning monitoring system may be approached in different ways depending upon the water utility's resources and threats to the source water. A utility may install a continuous monitoring system that will provide real time information regarding water quality conditions. This would require utilities to analyze the data in order to establish what condition is

indicative of a contamination event. Continuous monitoring will provide results for a predetermined set of parameters. The more parameters being monitored, the more sophisticated the monitoring equipment will be. When establishing a continuous monitoring system, the utility should consider the logistics of placing and maintaining the equipment, and receiving output data from the equipment.

Alternately, or in addition, a utility may also pull periodic grab samples on a regular basis, or in case of a reported incident. The grab samples may be analyzed for specific contaminants. A utility should examine their PSSCs to determine what chemical contaminants could pose a threat to the water source. If possible, the utility should plan in advance how those contaminants will be detected. Consideration should be given for where samples will be collected, the preservations and hold times for samples, available laboratories to analyze samples, and costs associated with the sampling event. Regardless of the type of monitoring (continuous or grab), utilities should collect samples for their source throughout the year to better understand the baseline water quality conditions and natural seasonal fluctuations. Having a baseline will help determine if changes in the water quality are indicative of a contamination event and inform the needed response.

Every utility should establish a system or process for receiving or detecting chemical threats with sufficient time to respond to protect the treatment facility and public health. All approaches to receiving and responding to an early warning should incorporate communication with facility owners and operators that pose a threat to the water quality, with state and local emergency response agencies, with surrounding water utilities, and with the public. Communication plays an important role in knowing how to interpret data and how to respond.

Hughes River Water Authority has analyzed its ability to monitor for and detect potential contaminants that could impact its source water. Information regarding this utility's early warning monitoring system capabilities can be found in **Table 15** and in **Appendix B**.

Table 15. Early Warning Monitoring System Capabilities

<p>Does your system currently receive spill notifications from a state agency, neighboring water system, local emergency responders, or other facilities? If yes, from whom do you receive notices?</p>	<p>Nothing Current</p>	
<p>Are you aware of any facilities, land uses, or critical areas within your protection areas where chemical contaminants could be released or spilled?</p>	<p>Yes</p>	
<p>Are you prepared to detect potential contaminants if notified of a spill?</p>	<p>Yes. Samples would need to be taken to the local lab</p>	
<p>List laboratories (and contact information) on whom you would rely to analyze water samples in</p>	<p>Laboratories</p>	
	<p>Name</p>	<p>Contact</p>
	<p>REIC Labs 1-304-253-3933</p>	

case of a reported spill.	WET 1-304-489-1060		Jim Wright
Do you have an understanding of baseline or normal conditions for your source water quality that accounts for seasonal fluctuations?	Yes. Baseline is from routine testing.		
Does your utility currently monitor raw water (through continuous monitoring or periodic grab samples) at the surface water intake or from a groundwater source on a regular basis?	Yes; periodic grab samples		
Provide or estimate the capital and O&M costs for your current or proposed early warning system or upgraded system.	Capital	\$36,500.00	
	Yearly O & M	\$5,200.00	
Do you serve more than 100,000 customers? If so, please describe the methods you use to monitor at the same technical levels utilized by ORSANCO.	No		
Note: Complete appropriate Early Warning Monitoring form for your system in Appendix B (Line 71).			

Single Source Feasibility Study

If a public water utility’s water supply plant is served by a single–source intake to a surface water source of supply or a surface water influenced source of supply, the submitted source water protection plan must also include an examination and analysis of the technical and economic feasibility of alternative sources of water to provide continued safe and reliable public water service in the event that its primary source of supply is detrimentally affected by contamination, release, spill event or other reason. These alternatives may include a secondary intake, two days of additional raw or treated water storage, an interconnection with neighboring systems, or other options identified on a local level. Note: a suitable secondary intake would draw water supplies from a substantially different location or water source.

To accomplish this requirement, utilities should examine all existing or possible alternatives and rank them by their technical, economic, and environmental feasibility. To have a consistent and complete method for ranking alternatives, WVBPH has developed a feasibility study guide. This guide provides several criteria to consider for each category, organized in a Feasibility Study Matrix. By completing the Feasibility Study Matrix, utilities will demonstrate the process used to examine the feasibility of each alternative and document scores that compare the alternatives. The Feasibility Study matrix and summary of the results are presented in an alternatives feasibility study attached as **Appendix D**.

Communication Plan

Hughes River Water Authority has also developed a Communication Plan that documents the manner in which the public water utility, working in concert with state and local emergency response agencies, shall notify the

local health agencies and the public of the initial spill or contamination event and provide updated information related to any contamination or impairment of the source water supply or the system's drinking water supply. The initial notification to the public will occur in any event no later than thirty minutes after the public water system becomes aware of the spill, release, or potential contamination of the public water system. A copy of the source water protection plan and the Communication Plan has been provided to the local fire department. Hughes River Water Authority will update the Communication Plan as needed to ensure contact information is up to date.

Procedures should be in place for the kinds of catastrophic spills that can reasonably be predicted at the source location or within the SWPA. The chain-of-command, notification procedures and response actions should be known by all water system employees.

The WVBPH has developed a recommended communication plan template that provides a tiered incident communication process to provide a universal system of alert levels to utilities and water system managers. The comprehensive Communication Plan for Hughes River Water Authority is attached as **Appendix C** for internal review and planning purposes only.

The West Virginia Department of Environmental Protection is capable of providing expertise and assistance related to prevention, containment, and clean-up of chemical spills. The West Virginia Department of Environmental Protection Emergency Response 24-hour Phone is 1-800-642-3074. The West Virginia Department of Environmental Protection also operates an upstream distance estimator that can be used to determine the distance from a spill site to the closest public water supply surface water intake.

Emergency Response Short Form

A public water utility must be prepared for any number of emergency scenarios and events that would require immediate response. It is imperative that information about key contacts, emergency services, and downstream water systems be posted and readily available in the event of an emergency. Elements of this source water protection plan, such as the contingency planning and communication plan, may contain similar information to the utility's emergency response plan. However, the emergency response plan is to be kept confidential and is not included in this source water protection plan. An Emergency Short Form is included in **Appendix C** to support the Communicate Plan by providing quick access to important information about emergency response and are to be used for internal review and planning purposes only.

Conclusion

This report represents a detailed explanation of the required elements of Hughes River Water Authority's Source Water Protection Plan. Any supporting documentation or other materials that the utility considers relevant to their plan can be found in **Appendix F**.

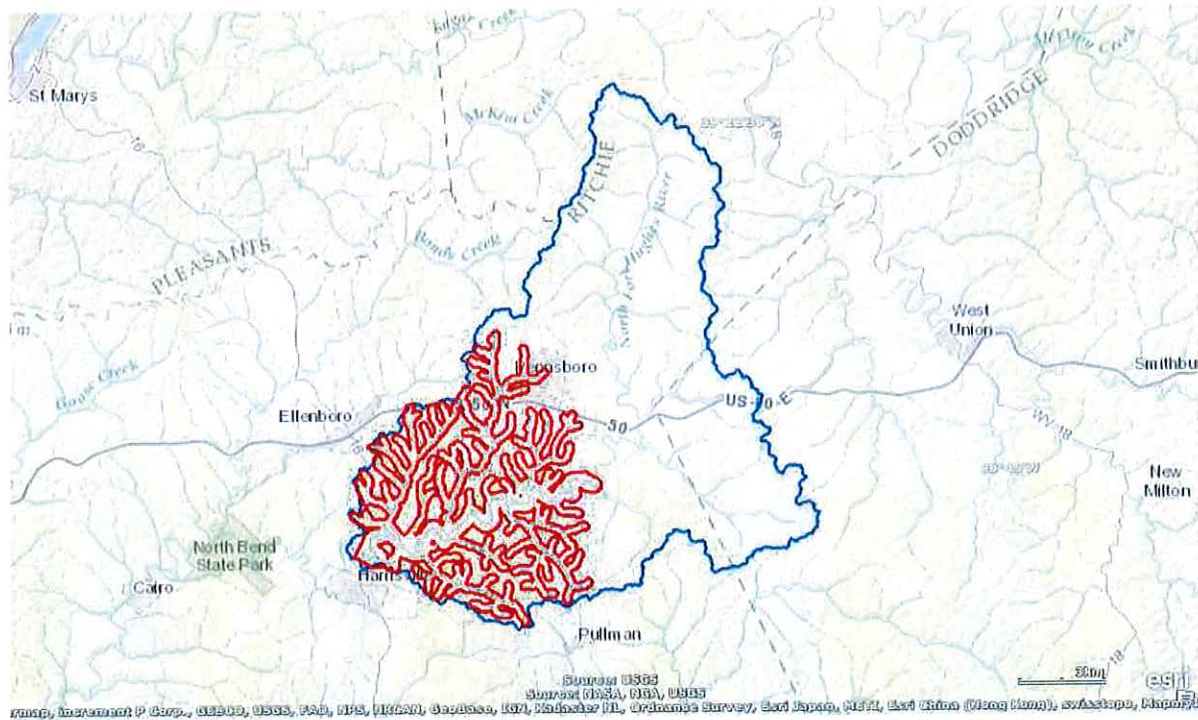
This source water protection plan is intended to help prepare community public water systems all over West Virginia to properly handle any emergencies that might compromise the quality of the system's source water supply. It is imperative that this plan is updated as often as necessary to reflect the changing circumstances within the water system. The protection team should continue to meet regularly and continue to engage the public whenever possible. Communities taking local responsibility for the quality of their source water is the most effective way to prevent contamination and protect a water system against contaminated drinking water. Community cooperation, sufficient preparation, and accurate monitoring are all critical components of this source water protection plan, and a multi-faceted approach is the only way to ensure that a system is as protected as possible against source water degradation.

Appendix A. Figures

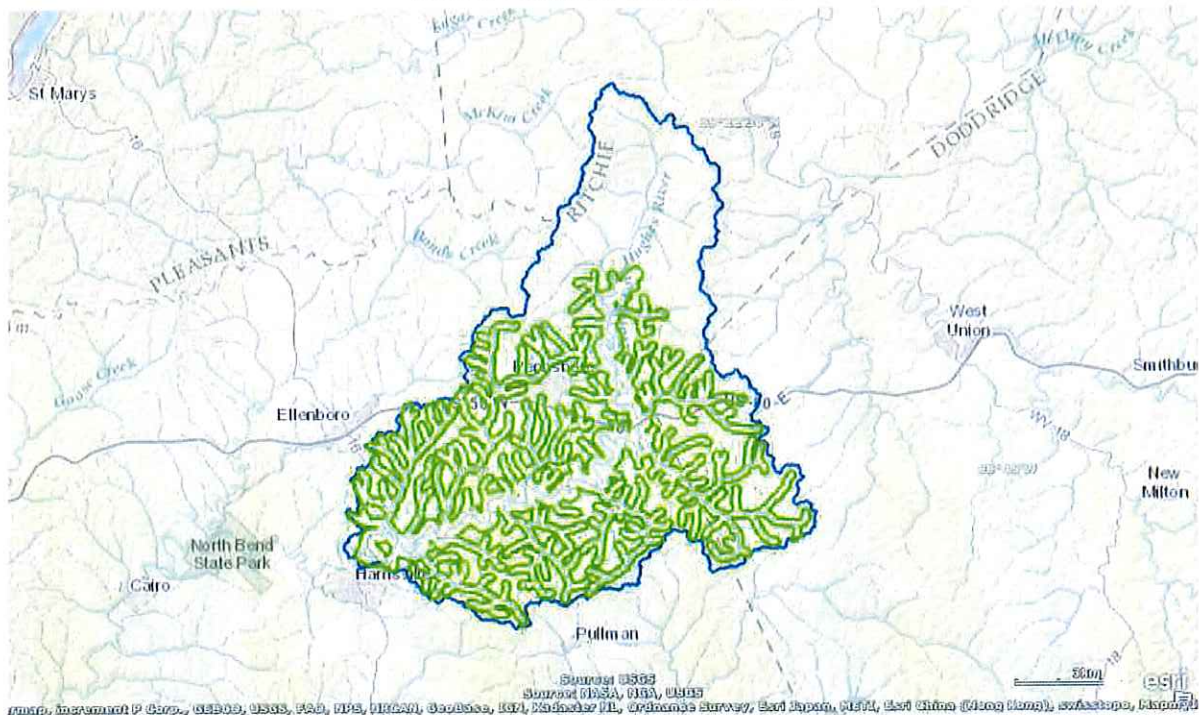
Watershed Delineation Area (WSDA Map)

Zone of Critical Concern (ZCC) and Zone of Peripheral Concern (ZPC) Map(s)

Zone of Critical Concern (ZCC)



Zone of Peripheral Concern (ZPC)



List of Locally Identified PSSCs

SOURCE WATER ASSESSMENT & PROTECTION PCS

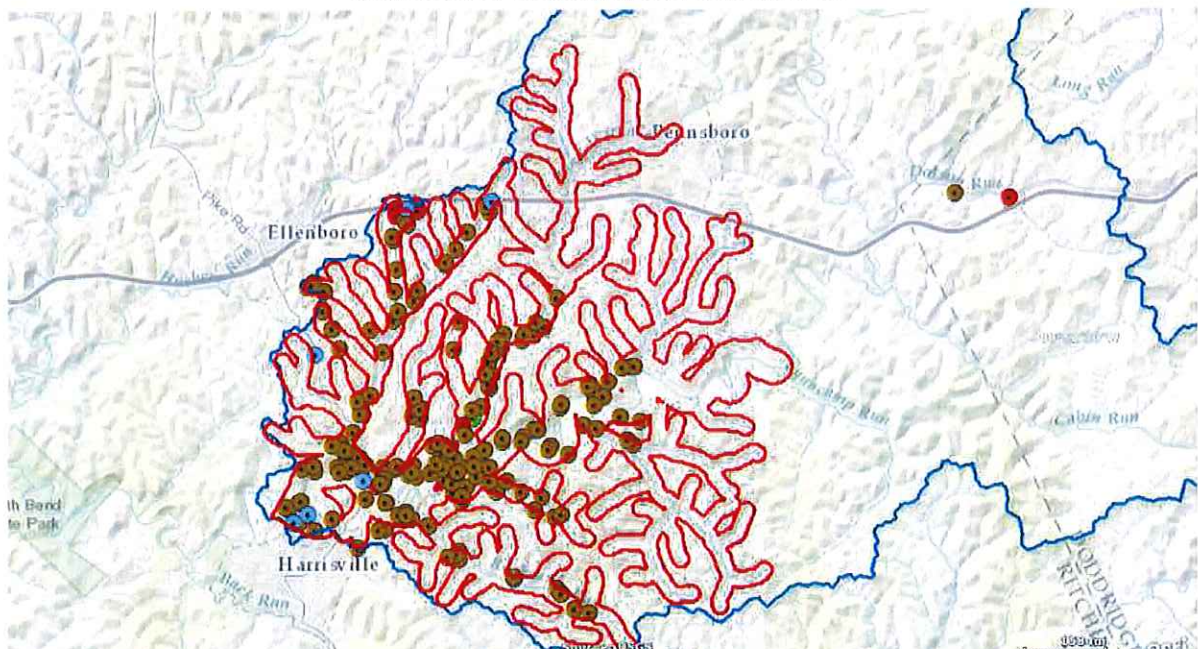
OBJECTID	x	y	EHS_GIS_SQSLDE_GISTA_SWAP_PCS_SITE_NAME	EHS_GIS_SQSLDE_GISTA_SWAP_PCS_SITEDescription
1	499240.5368	4343031.801	Farmiland	Animal Feedlots
2	497388.8282	4341742.443	Rutherford Trucking - Closed - Reopened Junk Yard	Fleet/truck/bus terminals
3	497756.9376	4347041.647	Pacific Pride	Gas Stations
4	498154.5133	4347087.709	Ace Hardware	Hardware/lumber/parts stores
5	499048.9276	4342889.773	Unnamed Junk Yard	Junk yards, scrap and auto
6	498170.9647	4346985.829	Hall's Feed and Supply	Lawn/farms stores
7	497743.7865	4346903.707	Unnamed Oil/Gas Industry Maint Facility	Repair Shops (engine, appliances, etc.)
8	509549.8627	4347223.218	Escape Club	Other
9	497716.8228	4346435.617	LEMICH; CHARLES	Wells: oil and gas
10	498866.3456	4344339.14	CHARITY GAS; INC.	Wells: oil and gas
11	499561.6304	4346959.658	WILLIAMS	Wells: oil and gas
12	501192.3103	4339375.552	APPLIED MECHANICS CORP.	Wells: oil and gas
13	497571.1128	4341411.123	LITTLE KANAWHA SOIL CONSERVATION DIST	Wells: oil and gas
14	495868.6128	4341411.615	LITTLE KANAWHA SOIL CONSERVATION DIST	Wells: oil and gas
15	497092.3362	4343384.541	ALLSTATE ENERGY CORP.	Wells: oil and gas
16	496180.4921	4340887.542	MID-AMERICAN PETROLEUM; INC.	Wells: oil and gas
17	498913.7738	4340393.067	PRUNTY; PAUL	Wells: oil and gas
18	500952.502	4339654.067	STALNAKER ENERGY CORPORATION	Wells: oil and gas
19	496852.0891	4342120.068	LITTLE KANAWHA SOIL CONSERVATION DIST	Wells: oil and gas
20	498243.1816	4343229.609	ALLSTATE ENERGY CORP.	Wells: oil and gas
21	502438.2471	4342952.131	MOUNTAIN STATE OIL COMPANY	Wells: oil and gas
22	499082.0468	4342705.55	RIDDLE & FLANNIGAN	Wells: oil and gas
23	500808.1615	4341133.571	ELDER; CORA	Wells: oil and gas
24	497716.286	4344894.604	RARE EARTH MINERALS; INC.	Wells: oil and gas
25	495868.4015	4341011.549	OPERATOR UNKNOWN	Wells: oil and gas
26	499105.5819	4341719.086	LAIRD; C. A.	Wells: oil and gas
27	498386.3212	4340979.107	FRANKLIN CONSTRUCTION; INC.	Wells: oil and gas
28	500254.7144	4344597.303	Oil/Gas Well	Wells: oil and gas
29	498988.4433	4340335.461	Oil/Gas Well	Wells: oil and gas
30	498988.2535	4344872.029	Oil/Gas Well	Wells: oil and gas
31	496368.3902	4345457.984	Oil/Gas Well	Wells: oil and gas
32	497114.3319	4342186.996	Oil/Gas Well	Wells: oil and gas
33	497177.9276	4342142.028	Oil/Gas Well	Wells: oil and gas
34	502064.9601	4343044.133	Oil/Gas Well	Wells: oil and gas
35	500922.6389	4343223.695	Oil/Gas Well	Wells: oil and gas
36	500216.8026	4342658.112	Oil/Gas Well	Wells: oil and gas
37	500199.3214	4344510.296	Oil/Gas Well	Wells: oil and gas
38	500619.4289	4344769.003	Oil/Gas Well	Wells: oil and gas
39	497260.7381	4344709.642	RARE EARTH MINERALS; INC.	Wells: oil and gas
40	498986.3047	4340487.941	Oil/Gas Well	Wells: oil and gas
41	500343.9303	4344669.218	Oil/Gas Well	Wells: oil and gas
42	500855.7851	4345321.796	Oil/Gas Well	Wells: oil and gas
43	498002.9822	4341103.044	Oil/Gas Well	Wells: oil and gas
44	498914.5874	4346250.583	LAPPLIED MECHANICS CORP.	Wells: oil and gas
45	496105.3811	4345550.221	Oil/Gas Well	Wells: oil and gas
46	498616.7846	4342301.223	Oil/Gas Well	Wells: oil and gas
47	499764.6065	4344363.365	Oil/Gas Well	Wells: oil and gas
48	499552.0361	4343610.182	Oil/Gas Well	Wells: oil and gas
49	499706.0184	4344399.989	Oil/Gas Well	Wells: oil and gas
50	499618.256	4344237.635	Oil/Gas Well	Wells: oil and gas
51	499492.4237	4343890.732	Oil/Gas Well	Wells: oil and gas
52	499502.6031	4343841.569	Oil/Gas Well	Wells: oil and gas
53	499612.0238	4343847.001	Oil/Gas Well	Wells: oil and gas
54	499130.5517	4346589.589	MOORE; W. M. - HEIRS	Wells: oil and gas
55	500416.9307	4344599.64	Oil/Gas Well	Wells: oil and gas
56	497544.8015	4340913.518	Oil/Gas Well	Wells: oil and gas
57	495700.5651	4341288.079	LITTLE KANAWHA SOIL CONSERVATION DIST	Wells: oil and gas
58	501575.5378	4343476.047	BLAUSER; DENNIS D.; WELL SERVICES; INC.	Wells: oil and gas
59	500736.1262	4342490.127	BLAUSER; DENNIS D.; WELL SERVICES; INC.	Wells: oil and gas
60	501072.0606	4342335.577	BLAUSER; DENNIS D.; WELL SERVICES; INC.	Wells: oil and gas
61	502318.4994	4342521.065	COTTRILL; RAY; ETAL	Wells: oil and gas
62	501479.4534	4343661.136	BLAUSER; DENNIS D.; WELL SERVICES; INC.	Wells: oil and gas
63	497788.1253	4345080.135	CHARITY GAS; INC.	Wells: oil and gas
64	496181.1375	4342032.585	Oil/Gas Well	Wells: oil and gas
65	500160.6381	4341626.039	ELDER; H. E.	Wells: oil and gas
66	496815.8851	4342024.422	Oil/Gas Well	Wells: oil and gas
67	496734.9709	4342139.759	Oil/Gas Well	Wells: oil and gas
68	495940.6813	4342059.118	CURRY; E. C.; JR.	Wells: oil and gas
69	496602.8035	4342086.88	Oil/Gas Well	Wells: oil and gas
70	497059.7828	4343105.228	Oil/Gas Well	Wells: oil and gas
71	497004.1256	4343349.95	Oil/Gas Well	Wells: oil and gas
72	499825.4452	4344616.499	Oil/Gas Well	Wells: oil and gas

73	502196.264	4342602.486	Oil/Gas Well	Wells: oil and gas
74	498943.1291	4340411.707	Oil/Gas Well	Wells: oil and gas
75	497173.287	4341481.726	Oil/Gas Well	Wells: oil and gas
76	497002.7092	4340554.591	Oil/Gas Well	Wells: oil and gas
77	497404.4226	4340874.833	Oil/Gas Well	Wells: oil and gas
78	508499.5626	4347299.943	Lone Star Lounge	Wells: oil and gas
79	497932.066	4346806.107	MOUNTAIN STATE OIL COMPANY	Wells: oil and gas
80	497980.0893	4346713.096	MOUNTAIN STATE OIL COMPANY	Wells: oil and gas
81	498684.029	4341837.778	Oil/Gas Well	Wells: oil and gas
82	498099.5694	4345324.644	CHURCH; THOMAS N.	Wells: oil and gas
83	499801.1473	4342582.094	LIBERTY OIL & GAS CORP.	Wells: oil and gas
84	500400.8878	4342797.616	LIBERTY OIL & GAS CORP.	Wells: oil and gas
85	496517.5005	4344741.122	VENTURE PETROLEUM; INC.	Wells: oil and gas
86	496515.7934	4341103.565	MID-AMERICAN PETROLEUM; INC.	Wells: oil and gas
87	502294.4166	4344000.585	RITCHIE PETROLEUM CORP.	Wells: oil and gas
88	497883.0866	4341134.038	LITTLE KANAWHA SOIL CONSERVATION DIST	Wells: oil and gas
89	498218.7956	4343013.545	WACO OIL & GAS CO.; INC.	Wells: oil and gas
90	497764.6275	4345881.055	STALNAKER ENERGY CORPORATION	Wells: oil and gas
91	498723.0291	4345973.061	OPERATOR UNKNOWN	Wells: oil and gas
92	499033.8181	4341442.1	OPERATOR UNKNOWN	Wells: oil and gas
93	496661.5225	4344370.622	CRESTON OIL CORPORATION	Wells: oil and gas
94	499537.7395	4344092.483	Oil/Gas Well	Wells: oil and gas
95	500856.3058	4339777.016	RICHARDS; C. W. & J. E. RICHARDS	Wells: oil and gas
96	498723.0341	4346003.58	CENTRAL WEST VIRGINIA GAS PRODUCERS	Wells: oil and gas
97	500568.3276	4341504.096	RICHARDS; C. W. & J. E. RICHARDS	Wells: oil and gas
98	499705.6551	4341626.043	RICHARDS; C. W. & J. E. RICHARDS	Wells: oil and gas
99	499489.9571	4347083.068	CNG TRANSMISSION CORP.	Wells: oil and gas
100	499415.3148	4343234.982	Oil/Gas Well	Wells: oil and gas
101	498099.5134	4343320.532	Oil/Gas Well	Wells: oil and gas
102	499374.0784	4342346.404	Oil/Gas Well	Wells: oil and gas
103	497034.8765	4342287.125	Oil/Gas Well	Wells: oil and gas
104	498459.4822	4342514.437	Oil/Gas Well	Wells: oil and gas
105	497451.5771	4341996.667	Oil/Gas Well	Wells: oil and gas
106	497995.434	4341965.102	Oil/Gas Well	Wells: oil and gas
107	498087.5698	4342121.999	Oil/Gas Well	Wells: oil and gas
108	498864.9133	4341606.144	Oil/Gas Well	Wells: oil and gas
109	498849.5738	4341776.716	Oil/Gas Well	Wells: oil and gas
110	500952.3181	4341164.549	RICHARDS; C. W. & J. E. RICHARDS	Wells: oil and gas
111	497942.8516	4341244.553	Oil/Gas Well	Wells: oil and gas
112	498067.986	4341110.574	Oil/Gas Well	Wells: oil and gas
113	497512.8007	4342081.543	Oil/Gas Well	Wells: oil and gas
114	497728.3232	4342076.484	Oil/Gas Well	Wells: oil and gas
115	497581.9063	4341980.423	Oil/Gas Well	Wells: oil and gas
116	497526.891	4341875.568	Oil/Gas Well	Wells: oil and gas
117	497494.3189	4341778.475	Oil/Gas Well	Wells: oil and gas
118	499020.0016	4342088.423	Oil/Gas Well	Wells: oil and gas
119	501383.629	4342890.392	Oil/Gas Well	Wells: oil and gas
120	496038.6002	4345542.042	RITCHIE PETROLEUM CORP.	Wells: oil and gas
121	498698.73	4342520.608	OPERATOR UNKNOWN	Wells: oil and gas
122	497692.4282	4346497.771	OPERATOR UNKNOWN	Wells: oil and gas
123	497883.0866	4341134.038	G & S OIL AND GAS CO.	Wells: oil and gas
124	498099.4685	4345264.606	OPERATOR UNKNOWN	Wells: oil and gas
125	498890.2994	4342274.102	OPERATOR UNKNOWN	Wells: oil and gas
126	498674.3127	4342058.066	RENO OIL CO.	Wells: oil and gas
127	498075.2891	4343075.059	OPERATOR UNKNOWN	Wells: oil and gas
128	502342.3949	4344000.6	OPERATOR UNKNOWN	Wells: oil and gas
129	497787.0172	4341165.026	OPERATOR UNKNOWN	Wells: oil and gas
130	498218.9241	4343198.541	OPERATOR UNKNOWN	Wells: oil and gas
131	499537.714	4343661.12	CHARITY GAS; INC.	Wells: oil and gas
132	499489.7477	4343877.082	CHARITY GAS; INC.	Wells: oil and gas
133	496924.2423	4342767.581	RITCHIE PETROLEUM CORP.	Wells: oil and gas
134	497763.6378	4342120.087	APPLIED MECHANICS CORP.	Wells: oil and gas
135	497740.1742	4345449.588	RARE EARTH MINERALS; INC.	Wells: oil and gas
136	499729.4055	4344492.986	OPERATOR UNKNOWN	Wells: oil and gas
137	496156.6677	4342120.601	RITCHIE PETROLEUM CORP.	Wells: oil and gas
138	499229.4192	4343188.832	Oil/Gas Well	Wells: oil and gas
139	499561.3415	4341811.046	OPERATOR UNKNOWN	Wells: oil and gas
140	501575.3527	4343537.75	Oil/Gas Well	Wells: oil and gas
141	502102.8566	4343970.124	CNG TRANSMISSION CORP.	Wells: oil and gas
142	496158.4818	4345635.091	OPERATOR UNKNOWN	Wells: oil and gas
143	498578.2494	4342552.035	OPERATOR UNKNOWN	Wells: oil and gas
144	499321.6497	4341904.06	CHARITY GAS; INC.	Wells: oil and gas
145	499561.3571	4342088.595	CHARITY GAS; INC.	Wells: oil and gas
146	500160.6185	4342582.093	CHARITY GAS; INC.	Wells: oil and gas

147	498146.815	4341904.029	EASTERN AMERICAN ENERGY CORP.	Wells: oil and gas
148	501623.136	4342828.625	EASTERN AMERICAN ENERGY CORP.	Wells: oil and gas
149	499465.918	4342428.075	RICHARDS; C. W. & J. E. RICHARDS	Wells: oil and gas
150	500233.0562	4344616.057	OPERATOR UNKNOWN	Wells: oil and gas
151	501838.8604	4343723.026	Oil/Gas Well	Wells: oil and gas
152	498075.0236	4341996.599	Oil/Gas Well	Wells: oil and gas
153	498410.6928	4341965.673	Oil/Gas Well	Wells: oil and gas
154	498530.6182	4342150.534	Oil/Gas Well	Wells: oil and gas
155	496804.3853	4342397.637	Oil/Gas Well	Wells: oil and gas
156	496684.3943	4342552.609	Oil/Gas Well	Wells: oil and gas
157	496732.416	4342428.629	Oil/Gas Well	Wells: oil and gas
158	501743.1417	4343414.491	Oil/Gas Well	Wells: oil and gas
159	497451.3342	4341781.042	RARE EARTH MINERALS; INC.	Wells: oil and gas
160	497979.0887	4341173.63	S.C.S	Wells: oil and gas
161	499897.1975	4341811.034	ELDER; CORA	Wells: oil and gas
162	499058.0852	4341534.096	McCOY; B.	Wells: oil and gas
163	500424.7054	4341256.612	ELDER; JESSIE	Wells: oil and gas
164	500027.3687	4339957.414	SOL.PRO	Wells: oil and gas
165	500952.9333	4339656.841	STALNAKER	Wells: oil and gas
166	495636.5362	4341327.51	S.C.S	Wells: oil and gas
167	496900.9312	4342092.637	S.C.S	Wells: oil and gas
168	497539.9561	4341426.891	S.C.S	Wells: oil and gas
169	497268.2433	4343471.15	Oil/Gas Well	Wells: oil and gas
170	498397.5445	4340983.766	LAMAR.OIL.GAS	Wells: oil and gas
171	497504.7874	4344287.63	Sugar Rock Incorporated	Wells: oil and gas
172	496110.3964	4345573.08	RITCHIE PETROLEUM CORP.	Wells: oil and gas
173	496514.906	4344727.585	VENTURE.PET	Wells: oil and gas
174	499609.5428	4344277.143	CHARITY GAS; INC.	Wells: oil and gas
175	496651.5333	4342000.187	S.C.S	Wells: oil and gas
176	495907.6412	4341433.678	S.C.S	Wells: oil and gas
177	498933.069	4341976.238	Oil/Gas Well	Wells: oil and gas
178	499253.6695	4342281.938	Oil/Gas Well	Wells: oil and gas
179	499813.5773	4342654.116	Oil/Gas Well	Wells: oil and gas
180	496773.2333	4342411.744	Oil/Gas Well	Wells: oil and gas
181	496526.3435	4342505.513	S.C.S	Wells: oil and gas
182	497961.7369	4341170.639	S.C.S	Wells: oil and gas
183	500952.0591	4343291.061	BLAUSER; DENNIS D.; WELL SERVICES; INC.	Wells: oil and gas
184	496336.2858	4345069.028	Oil/Gas Well	Wells: oil and gas
185	501575.6675	4343260.532	OPERATOR UNKNOWN	Wells: oil and gas
186	498794.1727	4342428.039	OPERATOR UNKNOWN	Wells: oil and gas
187	501472.7278	4343632.059	MURVIN.O.&.G	Wells: oil and gas
188	498171.9923	4345479.549	RARE EARTH MINERALS; INC.	Wells: oil and gas
189	498102.0431	4343431.729	Oil/Gas Well	Wells: oil and gas
190	501480.1894	4339314.565	APPLIED MECHANICS CORP.	Wells: oil and gas
191	500496.4277	4342797.621	PETRO-MARK; INC./O PAULICO RES.; INC.	Wells: oil and gas
192	498962.0733	4341996.098	CHARITY GAS; INC.	Wells: oil and gas
193	500040.837	4339992.594	SOLOMON PRODUCTION CORPORATION	Wells: oil and gas
194	499273.5922	4342119.579	CHARITY GAS; INC.	Wells: oil and gas
195	500466.3572	4344850.67	Oil/Gas Well	Wells: oil and gas
196	500712.397	4342428.089	BLAUSER; DENNIS D.; WELL SERVICES; INC.	Wells: oil and gas
197	498763.6397	4340373.225	Oil/Gas Well	Wells: oil and gas
198	496196.2869	4344252.424	WVDOH Maintenance Garage	Road maintenance depots/deicing operations
199	497960.6773	4347031.825	WVDOH Maint Garage	Road maintenance depots/deicing operations
200	496046.4083	4341191.681	WATER TREATMENT PLANT	Wastewater Treatment Plant
201	495785.8884	4341036.784	Hughes River Drinking Water Treatment Plant	Drinking Water Treatment Plants
202	497131.8971	4341835.974	State Route 16	Highway
203	499601.4928	4347167.848	US Route 50	Highway

Map of Locally Identified PSSCs

Source Water Assessment & Protection PCS



Source: PCS
Source: PCS, USGS
Huberman, Ingramm P Corp., USGS, USGS, FWS, RPS, BRCA, Georgia, MD, Worcester, VA, Williamsburg, East Japan, MEA, East China (Hong Kong), Colombia, Singapore

List of Regulated PSSCs

ABANDONED MINE LANDS PLANNING UNITS

OBJECTID	x	y	STATES	NFHAP_UNIT
1	504513.5815	4357293.779	WV	McKim Creek
2	498784.5218	4343092.291	WV	Stewart Run-North Fork Hughes River
3	503366.0044	4338871.901	WV	Slab Creek-South Fork Hughes River
4	511681.7703	4348744.732	WV	Arnold Creek
5	508124.8894	4350227.402	WV	Cabin Run-North Fork Hughes River
6	503408.4896	4345085.789	WV	Bunnell Run-North Fork Hughes River
7	509548.3401	4356714.228	WV	Conaway Run-Middle Island Creek
8	499628.4957	4349598.334	WV	Bonds Creek
9	509408.1248	4340808.313	WV	Summers
10	507356.4482	4359073.073	WV	Sancho Creek
11	500384.443	4338973.08	WV	Indian Creek

ABOVE GROUND STORAGE TANKS WITH CHEMICALS

x	y	REF_ID	RESPONSIBL	FACILITY_N
IN ZCC				
501161.0245	4342793.952	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
500000.3053	4339895.081	2014-0001229	MURVIN & MEIER OIL CO.	Deem/lams #1
496551.5672	4345380.252	2014-0001278	TRIAD HUNTER, LLC	MOORE, L. # 1
498164.1066	4345498.894	2014-0002924	HARPER CROSBY HOLDINGS, LLC	Church #1
500000.3053	4339895.081	2014-0015466	SANCHO OIL & GAS CORPORATION	Locke #1
500000.3053	4339895.081	2014-0001229	MURVIN & MEIER OIL CO.	Deem/lams #1
497262.8622	4344726.655	2014-0002922	HARPER CROSBY HOLDINGS, LLC	Jackson #1
496506.5239	4341116.921	2014-0001397	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
496506.5239	4341116.921	2014-0001397	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
500000.3053	4339895.081	2014-0001228	MURVIN & MEIER OIL CO.	Deem/lams #2
500957.0366	4339662.758	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
498405.3558	4340960.161	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
501278.4048	4340649.594	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
496144.8092	4342130.962	2014-0001276	TRIAD HUNTER, LLC	DEEM, F.A. # 1
497729.5282	4345466.715	2014-0002921	HARPER CROSBY HOLDINGS, LLC	Bialek #1
500000.3053	4339896.968	2014-0015473	SANCHO OIL & GAS CORPORATION	Kelly #3
497747.5338	4342083.504	2014-0015939	APPLIED MECHANICS CORP.	Applied Mechanics Corporation
500000.3053	4339895.081	2014-0001229	MURVIN & MEIER OIL CO.	Deem/lams #1
500441.2335	4341357.635	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
500000.3053	4339895.081	2014-0002963	MURVIN & MEIER OIL CO.	F. McGill #2
500504.9313	4342805.979	2014-0003499	PETRO-MARK, INC.	PETRO-MARK, INC.
500000.3053	4339895.081	2014-0001229	MURVIN & MEIER OIL CO.	Deem/lams #1
498405.3558	4340960.161	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
500000.3053	4339895.081	2014-0001228	MURVIN & MEIER OIL CO.	Deem/lams #2
496506.5239	4341116.921	2014-0001397	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
500000.3053	4339895.081	2014-0001228	MURVIN & MEIER OIL CO.	Deem/lams #2
500000.3053	4339897.411	2014-0015466	SANCHO OIL & GAS CORPORATION	Locke #1
496176.3979	4340891.684	2014-0003112	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
498405.3558	4340960.161	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
500504.9313	4342805.979	2014-0003499	PETRO-MARK, INC.	PETRO-MARK, INC.
500000.3053	4339895.081	2014-0001229	MURVIN & MEIER OIL CO.	Deem/lams #1
496506.5239	4341116.921	2014-0001397	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
500000.3053	4339895.081	2014-0001228	MURVIN & MEIER OIL CO.	Deem/lams #2
496188.3032	4340875.809	2014-0001429	HUGHES RIVER WATER BOARD	Hughes River Water Board Tanks
500000.3053	4339895.081	2014-0002963	MURVIN & MEIER OIL CO.	F. McGill #2
497087.9884	4343401.001	2014-0003837	ALLSTATE ENERGY CORP	ALLSTATE ENERGY CORP.
500000.3053	4339895.081	2014-0015473	SANCHO OIL & GAS CORPORATION	Kelly #3
498405.3558	4340960.161	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
500000.3053	4339895.081	2014-0001229	MURVIN & MEIER OIL CO.	Deem/lams #1
500000.3053	4339895.081	2014-0015478	SANCHO OIL & GAS CORPORATION	McGill #1
500000.3053	4339895.081	2014-0001228	MURVIN & MEIER OIL CO.	Deem/lams #2
495873.08	4341117.118	2014-0001429	HUGHES RIVER WATER BOARD	Hughes River Water Board Tanks
500000.3053	4339895.081	2014-0002963	MURVIN & MEIER OIL CO.	F. McGill #2
497056.6243	4342842.362	2014-0001280	TRIAD HUNTER, LLC	KEITH# 2
499821.7166	4341776.002	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
498405.3558	4340960.161	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
501397.3146	4342870.786	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
496176.3979	4340891.684	2014-0003112	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
500000.3053	4339895.081	2014-0001228	MURVIN & MEIER OIL CO.	Deem/lams #2
498856.0777	4341663.443	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
496289.145	4342175.504	2014-0001277	TRIAD HUNTER, LLC	DEEM, F.A. # 2
496979.0032	4342756.718	2014-0000789	TRIAD HUNTER, LLC	RIDDLE # 1
498405.3558	4340960.161	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
497713.5049	4346432.433	2014-0002923	HARPER CROSBY HOLDINGS, LLC	Hiley #2
OUT ZCC				
505258.3657	4349970.912	2014-0000398	KEY OIL COMPANY	Boyce #5
506534.7694	4353057.152	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512093.483	4341631.981	2014-0006212	KEY OIL COMPANY	Jackson #1
505228.2708	4344692.856	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
512711.0288	4343581.807	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
513896.5486	4342820.865	2014-0015488	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506164.829	4357308.297	2014-0015117	POSTROCK EASTERN PRODUCTION LLC	Haught Family Trust P-1
507346.9066	4349816.122	2014-0002507	KEY OIL COMPANY	Hickman #6
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia

504463.92	4344468.21	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
503597.7188	4339895.908	2014-0012710	MURVIN & MEIER OIL CO.	Kiedaish #1
512748.597	4342187.9	2014-0006423	KEY OIL COMPANY	Sylvester Smith #3
509538.1502	4357120.818	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506854.7397	4342222.683	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508556.1834	4344289.841	2014-0010518	TRIAD HUNTER, LLC	NUTTER, M.B. # 8
509151.0044	4356755.124	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505303.7278	4347676.39	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506469.9425	4347768.936	2014-0002108	KEY OIL COMPANY	Marsh #1
508284.0413	4352402.828	2014-0001802	KEY OIL COMPANY	Ferrebee #3
507599.4202	4355346.032	2014-0013797	CHARITY GAS, INC.	Charity Gas, Inc.
505229.1248	4344706.173	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
505196.2416	4344849.31	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
512041.1016	4343248.373	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
508511.8647	4349007.175	2014-0001795	KEY OIL COMPANY	Trio #2
508474.8978	4351282.163	2014-0001822	KEY OIL COMPANY	Ferrebee #8
513327.1665	4342177.434	2014-0004318	DOMINION TRANSMISSION INC	New Oxford Compressor Station
513147.3978	4342114.096	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
507449.5318	4350704.035	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
506959.6143	4348994.539	2014-0001816	KEY OIL COMPANY	Hickman #3
502331.5501	4348395.285	2014-0011459	BFS PETROLEUM PRODUCTS INC	Barnes Trucking
512230.6723	4342220.365	2014-0006422	KEY OIL COMPANY	Sylvester Smith #4
513378.3905	4342355.416	2014-0008213	KEY OIL COMPANY	Stella May #1
510390.6839	4343382.95	2014-0006447	KEY OIL COMPANY	Harold Burgess #1
510509.6218	4344781.406	2014-0002095	KEY OIL COMPANY	Hudkins #5
496230.9651	4344311.591	2014-0007815	WVDOH-EQUIPMENT DIVISION	Ritchie County HQ
504880.5716	4350169.315	2014-0002379	KEY OIL COMPANY	M H Jones #1
507872.7277	4349983.101	2014-0002142	KEY OIL COMPANY	Sellers #1
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
510207.2094	4345102.836	2014-0002099	KEY OIL COMPANY	Hudkins #2
505053.8511	4347286.475	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
501891.0649	4347137.248	2014-0002739	EQT PRODUCTION COMPANY	Weston Production District
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
501284.9246	4350867.048	2014-0004926	KEY OIL COMPANY	Noland #6
504522.1963	4343665.889	2014-0006324	KEY OIL COMPANY	ER Taylor #1
506683.1717	4349560.279	2014-0006328	KEY OIL COMPANY	BH Hickman #2
510289.3501	4348243.577	2014-0006198	KEY OIL COMPANY	Doak #1
509820.3988	4350806.54	2014-0001805	KEY OIL COMPANY	Ferrebee #4
506659.1204	4347429.507	2014-0001754	KEY OIL COMPANY	Broadwater #1
511536.2142	4344904.928	2014-0002620	KEY OIL COMPANY	Sheets #5
503649.6488	4343692.067	2014-0007924	HAYDEN HARPER ENERGY	Ray Rex #1A 1920
500280.5192	4340923.049	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
499773.4484	4341180.509	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
510681.0354	4345625.058	2014-0001980	KEY OIL COMPANY	Hart #1
507264.9528	4341135.827	2014-0007579	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
510557.1904	4347888.809	2014-0006160	KEY OIL COMPANY	Doak #2
508853.2581	4352137.108	2014-0001797	KEY OIL COMPANY	Ferrebee #1
505248.2403	4353227.529	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaish and Summers Enterprises, LLC
507500.0431	4354658.207	2014-0006632	EXCO RESOURCES (PA), LLC	Clarksburg Office
502909.8141	4350008.746	2014-0014522	RAIN FOR RENT	Antero
501595.3251	4350756.129	2014-0006404	KEY OIL COMPANY	Noland #7
496383.559	4343270.233	2014-0010863	TRIAD HUNTER, LLC	SHEARER M P # 4
508295.7337	4349270.845	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502328.3111	4350290.21	2014-0004719	KEY OIL COMPANY	Maple #3
503597.7188	4339895.908	2014-0013195	MURVIN & MEIER OIL CO.	R. Wilson #1 (2)
502052.6002	4346246.15	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
506595.4596	4341403.794	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510199.5514	4355109.847	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
496978.2426	4340564.623	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaish and Summers Enterprises, LLC
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
506924.44	4349760.247	2014-0002516	KEY OIL COMPANY	Hickman #5
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
507891.8643	4342817.936	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
505308.4783	4344747.288	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
512272.6088	4342997.262	2014-0002634	KEY OIL COMPANY	Leggett #4

512711.0288	4343581.807	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
507989.1579	4353071.492	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
501917.7491	4350171.242	2014-0007651	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
503597.7188	4339895.908	2014-0012711	MURVIN & MEIER OIL CO.	Kiedaish #2
511534.6807	4344190.24	2014-0013654	BEELINE GAS INC.	Beeline Gas, Inc.
509373.5782	4349551.95	2014-0001753	KEY OIL COMPANY	L. Dotson #1
501448.9474	4349724.016	2014-0004827	KEY OIL COMPANY	Noland #3
503107.784	4352182.085	2014-0009170	PERKINS PRODUCTION COMPANY, LLC	Perkins Production Company Tanks
508795.3923	4356509.009	2014-0013264	PARDEE MINERALS, LLC	Pierpont 2
502052.6002	4346246.15	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict
511180.7262	4346114.053	2014-0002607	KEY OIL COMPANY	Warden #1
511231.003	4347146.206	2014-0004046	KEY OIL COMPANY	Barker #2
507399.573	4343189.889	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511138.2249	4345670.087	2014-0003425	KEY OIL COMPANY	Sheets #4
505210.079	4339748.552	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict
513836.5112	4342803.224	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
511709.4269	4344472.379	2014-0002145	KEY OIL COMPANY	Ross #1`
509465.7416	4355669.913	2014-0013098	HARPER CROSBY HOLDINGS, LLC	J Been #1
506476.9461	4348683.389	2014-0001815	KEY OIL COMPANY	Hickman #2
503239.7474	4345145.337	2014-0006978	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
497359.4074	4340875.104	2014-0008717	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
511013.3957	4342418.313	2014-0006459	KEY OIL COMPANY	CE Ross #1
510138.9775	4344492.379	2014-0002097	KEY OIL COMPANY	Hudkins #4
506098.6595	4347184.901	2014-0002497	KEY OIL COMPANY	Hickman #8
506701.5043	4348295.16	2014-0001814	KEY OIL COMPANY	Hickman #1
511181.0381	4341552.829	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
500862.5273	4350312.106	2014-0006407	KEY OIL COMPANY	Giebell #7
502705.5264	4340596.689	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
510117.392	4347832.739	2014-0006055	KEY OIL COMPANY	W E Doak #1
509034.6298	4351837.677	2014-0001800	KEY OIL COMPANY	Ferrebee #2
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506641.324	4352121.592	2014-0002530	KEY OIL COMPANY	Floyd Taylor #1
500425.9675	4339533.98	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
508327.5999	4350116.412	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507603.2192	4356838.024	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
509036.8695	4342449.071	2014-0008159	KEY OIL COMPANY	EAEC #2
502862.3834	4341786.622	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511105.0877	4344704.547	2014-0006416	KEY OIL COMPANY	Sheets/Reese #7
509695.1131	4347554.761	2014-0006046	KEY OIL COMPANY	O'Donnell #1
508478.6649	4347338.606	2014-0012044	BFS PETROLEUM PRODUCTS INC	A. Payne Trucking
513836.5112	4342803.224	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
508660.5492	4352412.226	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503873.3753	4343419.174	2014-0002113	KEY OIL COMPANY	E R Taylor #2
501647.182	4350156.865	2014-0004774	KEY OIL COMPANY	Noland #2
510922.215	4345902.832	2014-0006693	KEY OIL COMPANY	Hart #2
507840.9165	4356059.194	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
500000.3053	4339196.716	2014-0013810	CHARITY GAS, INC.	Charity Gas, Inc.
508989.4207	4349626.185	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
500862.5273	4350312.106	2014-0006407	KEY OIL COMPANY	Giebell #7
509837.9282	4345927.138	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506098.6595	4347184.901	2014-0002497	KEY OIL COMPANY	Hickman #8
504839.2028	4345130.183	2014-0007364	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
509554.4531	4342671.638	2014-0008246	KEY OIL COMPANY	H Burgess #4
510027.5026	4343948.453	2014-0003482	KEY OIL COMPANY	King #1
506725.3301	4350670.084	2014-0002539	KEY OIL COMPANY	Cunningham #1
506046.5531	4347639.864	2014-0002388	KEY OIL COMPANY	Hickman #11
500582.274	4349575.527	2014-0007639	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
501888.5069	4350578.631	2014-0006016	KEY OIL COMPANY	Maple #1
501319.4655	4350545.221	2014-0004888	KEY OIL COMPANY	Noland #1
509674.0876	4343637.275	2014-0006449	KEY OIL COMPANY	Britton #1
510799.2866	4347456.332	2014-0004144	KEY OIL COMPANY	Barker #3
507395.2709	4345546.902	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508026.9405	4350948.758	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
502708.6989	4347631.112	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508059.452	4343169.123	2014-0002830	HMS RESOURCES, INC.	HMS Resources, Inc.
503597.7188	4339895.908	2014-0013100	MURVIN & MEIER OIL CO.	R. Wilson #1

506034.2769	4340635.836	2014-0002830	HMS RESOURCES, INC.	HMS Resources, Inc.
508975.0006	4343714.124	2014-0008238	KEY OIL COMPANY	Flanagan #1
505010.228	4349670.002	2014-0000731	KEY OIL COMPANY	Boyce #4
504871.9284	4350202.603	2014-0002593	KEY OIL COMPANY	Dotson Heirs #1
510117.392	4347832.739	2014-0006055	KEY OIL COMPANY	W E Doak #1
510941.8003	4344238.217	2014-0006462	KEY OIL COMPANY	Sheets Reese #8
505846.9358	4340182.915	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict
509979.9961	4355442.718	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505701.3677	4347883.752	2014-0002386	KEY OIL COMPANY	Hickman #14
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
505458.7291	4349514.935	2014-0001632	KEY OIL COMPANY	Boyce #1
508853.2581	4352137.108	2014-0001797	KEY OIL COMPANY	Ferrebee #1
497391.6023	4345515.095	2014-0009894	HARPER CROSBY HOLDINGS, LLC	Jackson #6
505228.2679	4344697.295	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
504653.6587	4347518.944	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502356.5811	4339454.532	2014-0003923	APPLIED MECHANICS CORP.	Applied Mechanics Corp
502958.7992	4345205.485	2014-0002632	EQT PRODUCTION COMPANY	Weston Production District PEN 13
502959.6603	4345209.925	2014-0002632	EQT PRODUCTION COMPANY	Weston Production District PEN 13
506683.1717	4349560.279	2014-0006328	KEY OIL COMPANY	BH Hickman #2
510289.3501	4348243.577	2014-0006198	KEY OIL COMPANY	Doak #1
502052.6002	4346246.15	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict
509733.6417	4351239.242	2014-0001808	KEY OIL COMPANY	Ferrebee #6
507506.0165	4351318.68	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503716.2438	4350812.34	2014-0009170	PERKINS PRODUCTION COMPANY, LLC	Perkins Production Company Tanks
512720.2475	4341468.953	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
505229.1277	4344701.734	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
505010.228	4349670.002	2014-0000731	KEY OIL COMPANY	Boyce #4
506429.4524	4347920.607	2014-0014462	HALL DRILLING, LLC	Pennsboro Water Tanks
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
504522.1963	4343665.889	2014-0006324	KEY OIL COMPANY	ER Taylor #1
508377.6289	4342378.423	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
507190.7931	4344522.402	2014-0012701	JESAM ENERGY	Field Office
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
505527.4635	4352665.621	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
507486.5906	4355474.657	2014-0010275	TRIAD HUNTER, LLC	RIDGEWAY C #2
503597.7188	4339895.908	2014-0013061	MURVIN & MEIER OIL CO.	Langford #1
507502.3939	4349527.73	2014-0006335	KEY OIL COMPANY	B H Hickman #1
507356.4605	4348828.438	2014-0002493	KEY OIL COMPANY	Hickman #9
504885.2132	4352531.687	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
507311.8745	4350393.169	2014-0002537	KEY OIL COMPANY	Poole #1
509292.1346	4352770.19	2014-0004146	KEY OIL COMPANY	Lantz #1
511903.0425	4341986.811	2014-0006208	KEY OIL COMPANY	Jackson #2
500672.8203	4350522.943	2014-0006127	KEY OIL COMPANY	Giebell #2
501595.3251	4350756.129	2014-0006404	KEY OIL COMPANY	Noland #7
511169.371	4341985.729	2014-0006457	KEY OIL COMPANY	Mary Welch #1
509994.0213	4343138.286	2014-0006448	KEY OIL COMPANY	Harold Burgess #2
509547.7121	4354591.752	2014-0010254	TRIAD HUNTER, LLC	VALENTINE #2
511918.3091	4343296.349	2014-0006691	KEY OIL COMPANY	Leggett #8
506469.9425	4347768.936	2014-0002108	KEY OIL COMPANY	Marsh #1
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
511207.8806	4345226.282	2014-0002618	KEY OIL COMPANY	Sheets #6
511647.7025	4345360.096	2014-0002141	KEY OIL COMPANY	Sheets #1
512711.0288	4343581.807	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
503915.1222	4342600.306	2014-0007038	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
502241.9547	4350756.288	2014-0006011	KEY OIL COMPANY	Maple #2
511892.5534	4342470.427	2014-0015830	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation
508377.6289	4342378.423	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
511264.6251	4347756.626	2014-0003972	KEY OIL COMPANY	Barker #1
506123.3089	4348749.689	2014-0002387	KEY OIL COMPANY	Hickman #12
508132.494	4353898.09	2014-0010292	TRIAD HUNTER, LLC	LANTZ R #3
503137.945	4350063.103	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
498433.9954	4339995.781	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
508327.6149	4354620.538	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
510711.7229	4348410.611	2014-0006196	KEY OIL COMPANY	Carder #2
508474.8978	4351282.163	2014-0001810	KEY OIL COMPANY	Ferrebee #8
503552.0631	4351622.395	2014-0004422	KEY OIL COMPANY	B Johnson #2

504020.561	4344837.408	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510467.2233	4344226.469	2014-0008234	KEY OIL COMPANY	Britton #2
508775.3752	4344734.876	2014-0008242	KEY OIL COMPANY	H O Dotson #4
506630.6675	4346400.732	2014-0001756	KEY OIL COMPANY	Broadwater #3
511569.445	4345770.593	2014-0002140	KEY OIL COMPANY	Sheets #2
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
505475.2065	4344337.902	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509664.7032	4344247.631	2014-0002617	KEY OIL COMPANY	H O Dotson #1
510679.7758	4346546.16	2014-0002109	KEY OIL COMPANY	Gerta Mason #1
512711.0288	4343581.807	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
504074.5337	4348221.545	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502065.0877	4344694.265	2014-0014249	HAYDEN HARPER ENERGY	J WILSON #2 1968
497993.0775	4347055.155	2014-0007774	WVDOH-EQUIPMENT DIVISION	Pennsboro APD 50
501312.7747	4339039.241	2014-0014000	STOUT, MARILYN	Applied Mechanics Corp.
512497.6533	4342587.008	2014-0003339	KEY OIL COMPANY	S. Smith 2
505365.8714	4341205.318	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506476.9461	4348683.389	2014-0001815	KEY OIL COMPANY	Hickman #2
509457.1322	4350337.323	2014-0006975	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
503137.945	4350063.103	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
512469.2293	4344173.919	2014-0006421	KEY OIL COMPANY	Leggett #6
510509.6218	4344781.406	2014-0002095	KEY OIL COMPANY	Hudkins #5
511816.2184	4343637.334	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
507532.2057	4349195.495	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510937.7748	4347112.497	2014-0015197	HANNAN, GLEN	Antero Baker Unit
503873.3753	4343419.174	2014-0002113	KEY OIL COMPANY	E R Taylor #2
509820.3988	4350806.54	2014-0001805	KEY OIL COMPANY	Ferrebee #4
501448.9474	4349724.016	2014-0004827	KEY OIL COMPANY	Noland #3
511207.8806	4345226.282	2014-0002618	KEY OIL COMPANY	Sheets #6
501366.3608	4341219.245	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
507286.076	4341071.148	2014-0006363	KEY OIL COMPANY	J Langford #1
505317.3031	4348259.692	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict
507346.9066	4349816.122	2014-0002507	KEY OIL COMPANY	Hickman #6
508474.8978	4351282.163	2014-0001810	KEY OIL COMPANY	Ferrebee #8
509292.1346	4352770.19	2014-0004146	KEY OIL COMPANY	Lantz #1
503840.3716	4345778.283	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
501891.0649	4347137.248	2014-0002739	EQT PRODUCTION COMPANY	Weston ProductionDistrict
499894.1018	4339251.094	2014-0013795	CHARITY GAS, INC.	Charity Gas, Inc.
508984.1275	4343281.328	2014-0008236	KEY OIL COMPANY	Flanagan #3
512272.6088	4342997.262	2014-0002634	KEY OIL COMPANY	Leggett #4
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
507449.6131	4352423.515	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506069.1275	4352103.37	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503597.7188	4339895.908	2014-0013195	MURVIN & MEIER OIL CO.	R. Wilson #1 (2)
505501.878	4344570.97	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
505649.9154	4347473.102	2014-0002480	KEY OIL COMPANY	Hickman #10
512695.4222	4343042.328	2014-0003342	KEY OIL COMPANY	S. Smith #1
508511.8647	4349007.175	2014-0001795	KEY OIL COMPANY	Trio #2
510557.1904	4347888.809	2014-0006160	KEY OIL COMPANY	Doak #2
508183.397	4349739.271	2014-0006185	KEY OIL COMPANY	D Kiger #1
504422.0936	4352799.198	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
502777.0938	4340109.423	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
511534.6905	4344183.581	2014-0013654	BEELINE GAS INC.	Beeline Gas, Inc.
508825.2198	4347812.86	2014-0007479	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
497423.7619	4343096.033	2014-0010959	TRIAD HUNTER, LLC	KERNS, H.J. # 1
503529.5687	4344743.175	2014-0007913	HAYDEN HARPER ENERGY	Ray Rex #2 1921
510624.8973	4342495.458	2014-0006458	KEY OIL COMPANY	CE Ross #2
510681.0354	4345625.058	2014-0001980	KEY OIL COMPANY	Hart #1
505229.1248	4344706.173	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
511536.2142	4344904.928	2014-0002620	KEY OIL COMPANY	Sheets #5
508980.9813	4351114.155	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507002.2435	4353187.624	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507645.972	4342474.111	2014-0007396	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
503956.1679	4346592.684	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia

501284.9246	4350867.048	2014-0004926	KEY OIL COMPANY	Noland #6
508755.7436	4356984.394	2014-0013265	PARDEE MINERALS, LLC	Pierpont 1
503597.7188	4339895.908	2014-0012710	MURVIN & MEIER OIL CO.	Kiedaish #1
512748.597	4342187.9	2014-0006423	KEY OIL COMPANY	Sylvester Smith #3
506701.5043	4348295.16	2014-0001814	KEY OIL COMPANY	Hickman #1
513378.3905	4342355.416	2014-0008213	KEY OIL COMPANY	Stella May #1
503001.6684	4345908.424	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512230.6723	4342220.365	2014-0006422	KEY OIL COMPANY	Sylvester Smith #4
497359.4074	4340875.104	2014-0008717	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
511013.3957	4342418.313	2014-0006459	KEY OIL COMPANY	CE Ross #1
510995.5368	4342658.661	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
510138.9775	4344492.379	2014-0002097	KEY OIL COMPANY	Hudkins #4
511180.7262	4346114.053	2014-0002607	KEY OIL COMPANY	Warden #1
506492.8364	4350314.761	2014-0001975	KEY OIL COMPANY	F. Garner #1
505706.621	4341987.825	2014-0007578	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
508421.6052	4344499.883	2014-0002435	AMERICAN ENERGY-MARCELLUS, LLC	American Energy - Marcellus
503733.3277	4351145.279	2014-0009170	PERKINS PRODUCTION COMPANY, LLC	Perkins Production Company Tanks
512585.5569	4343740.189	2014-0010023	BEELINE GAS INC.	Beeline Gas, Inc.
511105.0877	4344704.547	2014-0006416	KEY OIL COMPANY	Sheets/Reese #7
510939.7956	4345669.807	2014-0014204	MUTSCHELKNAUS, CLARENCE W	DOTSON 1
506659.1204	4347429.507	2014-0001754	KEY OIL COMPANY	Broadwater #1
507872.7277	4349983.101	2014-0002142	KEY OIL COMPANY	Sellers #1
509311.5298	4350820.453	2014-0006992	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
500679.0654	4349103.662	2014-0007647	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
503597.7188	4339895.908	2014-0012711	MURVIN & MEIER OIL CO.	Kiedaish #2
507891.8643	4342817.936	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
510207.2094	4345102.836	2014-0002099	KEY OIL COMPANY	Hudkins #2
505367.963	4344821.682	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
502328.3111	4350290.21	2014-0004719	KEY OIL COMPANY	Maple #3
512093.483	4341631.981	2014-0006212	KEY OIL COMPANY	Jackson #1
509554.4531	4342671.638	2014-0008246	KEY OIL COMPANY	H Burgess #4
496978.2426	4340564.623	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaish and Summers Enterprises, LLC
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
502052.6002	4346246.15	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
507945.7039	4354858.964	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511199.9391	4343061.349	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
509618.1772	4348183.349	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
501647.182	4350156.865	2014-0004774	KEY OIL COMPANY	Noland #2
510922.215	4345902.832	2014-0006693	KEY OIL COMPANY	Hart #2
513619.4134	4342032.892	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
511709.4269	4344472.379	2014-0002145	KEY OIL COMPANY	Ross #1
498030.7099	4339958.363	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaish and Summers Enterprises, LLC
511736.1616	4342930.186	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
511835.1531	4342929.669	2014-0002655	CNX GAS COMPANY LLC	Doddridge County, WV - Tanks - 220
509036.8695	4342449.071	2014-0008159	KEY OIL COMPANY	EAEC #2
509695.1131	4347554.761	2014-0006046	KEY OIL COMPANY	O'Donnell #1
507394.5439	4344674.186	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505077.0604	4346347.742	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509373.5782	4349551.95	2014-0001753	KEY OIL COMPANY	L. Dotson #1
506673.6276	4351442.662	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511883.2155	4343673.614	2014-0002631	KEY OIL COMPANY	Leggett #5
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
510111.5956	4347113.825	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
496903.333	4340845.308	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaish and Summers Enterprises, LLC
503052.0989	4344901.447	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
502052.6002	4346246.15	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
506725.833	4341068.649	2014-0006291	EXCO RESOURCES (PA), LLC	Clarksburg Office
502252.5666	4339958.217	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
506293.5678	4342940.445	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
501085.5311	4340134.529	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
502565.3278	4341121.666	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
498433.9954	4339995.781	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaish and Summers Enterprises, LLC
498791.7038	4341228.874	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
511883.2155	4343673.614	2014-0002631	KEY OIL COMPANY	Leggett #5
505010.228	4349670.002	2014-0000731	KEY OIL COMPANY	Boyce #4
504871.9284	4350202.603	2014-0002593	KEY OIL COMPANY	Dotson Heirs #1

505527.4635	4352665.621	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
503597.7188	4339895.908	2014-0013061	MURVIN & MEIER OIL CO.	Langford #1
511120.7809	4346530.018	2014-0002735	DIVERSIFIED RESOURCES, INC.	Diversified Resources Tanks
505846.9358	4340182.915	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
508786.1471	4350494.57	2014-0001976	KEY OIL COMPANY	L. Garner #1
509733.6417	4351239.242	2014-0001808	KEY OIL COMPANY	Ferrebee #6
508975.0006	4343714.124	2014-0008238	KEY OIL COMPANY	Flanagan #1
509463.4703	4345321.189	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
510519.2545	4346342.078	2014-0003823	R.L. & W.F. ZICKEFOOSE LLC	MAIN_SHOP
505229.1277	4344701.734	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
496899.3632	4340848.306	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
505458.7291	4349514.935	2014-0001632	KEY OIL COMPANY	Boyce #1
509034.6298	4351837.677	2014-0001800	KEY OIL COMPANY	Ferrebee #2
507153.6525	4358375.644	2014-0014703	WEST VIRGINIA OIL & GAS PRODUCERS, LLC	JR MARSH TANK FIELD
513642.1432	4343252.779	2014-0008979	HARPER CROSBY HOLDINGS, LLC	A Beaver #1
508731.3215	4342538.281	2014-0002830	HMS RESOURCES, INC.	HMS Resources, Inc.
510467.2233	4344226.469	2014-0008234	KEY OIL COMPANY	Britton #2
508775.3752	4344734.876	2014-0008242	KEY OIL COMPANY	H O Dotson #4
507356.4605	4348828.438	2014-0002493	KEY OIL COMPANY	Hickman #9
511231.003	4347146.206	2014-0004046	KEY OIL COMPANY	Barker #2
506890.3603	4349294.115	2014-0006323	KEY OIL COMPANY	BH Hickman #3
509022.6287	4350288.978	2014-0010278	TRIAD HUNTER, LLC	QUINN M #2
505248.2403	4353227.529	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
504567.7496	4342502.78	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508377.6289	4342378.423	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
508377.6289	4342378.423	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
509319.0299	4344680.017	2014-0006463	KEY OIL COMPANY	H O Dotson #2
511918.3091	4343296.349	2014-0006691	KEY OIL COMPANY	Leggett #8
503597.7188	4339895.908	2014-0013100	MURVIN & MEIER OIL CO.	R. Wilson #1
508569.5958	4343547.205	2014-0008237	KEY OIL COMPANY	Flanagan #2
504880.5716	4350169.315	2014-0002379	KEY OIL COMPANY	M H Jones #1
506924.44	4349760.247	2014-0002516	KEY OIL COMPANY	Hickman #5
500672.8203	4350522.943	2014-0006127	KEY OIL COMPANY	Giebeli #2
502959.6603	4345209.925	2014-0002632	EQT PRODUCTION COMPANY	Weston Production District PEN 13
510799.2866	4347456.332	2014-0004144	KEY OIL COMPANY	Barker #3
508050.9075	4346268.23	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507788.093	4346918.95	2014-0013204	HARPER CROSBY HOLDINGS, LLC	E Daugherty #4
506854.532	4346885.892	2014-0006234	KEY OIL COMPANY	Broadwater
502725.4513	4348316.175	2014-0008478	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
507159.179	4344276.229	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506123.3089	4348749.689	2014-0002387	KEY OIL COMPANY	Hickman #12
503137.945	4350063.103	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
508963.65	4355985.828	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505010.228	4349670.002	2014-0000731	KEY OIL COMPANY	Boyce #4
508474.8978	4351282.163	2014-0001822	KEY OIL COMPANY	Ferrebee #8
502241.9547	4350756.288	2014-0006011	KEY OIL COMPANY	Maple #2
502035.9734	4344503.268	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
507306.814	4353767.539	2014-0002728	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
505800.5227	4343860.164	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
513083.116	4342049.622	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
497083.7135	4343970.641	2014-0002911	EXCO RESOURCES (PA), LLC	Clarksburg Office
500199.4276	4342162.196	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
505511.6967	4353874.154	2014-0006519	EXCO RESOURCES (PA), LLC	Clarksburg Office
508141.284	4357030.449	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
511569.445	4345770.593	2014-0002140	KEY OIL COMPANY	Sheets #2
505951.9296	4342663.516	2014-0007035	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
506725.3301	4350670.084	2014-0002539	KEY OIL COMPANY	Cunningham #1
503103.8006	4351577.813	2014-0004421	KEY OIL COMPANY	B Johnson #1
505741.1691	4357073.809	2014-0015116	POSTROCK EASTERN PRODUCTION LLC	Haught Family Trust P-2
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
502961.3842	4345214.364	2014-0002632	EQT PRODUCTION COMPANY	Weston Production District PEN 13
509994.0213	4343138.286	2014-0006448	KEY OIL COMPANY	Harold Burgess #2
506630.6675	4346400.732	2014-0001756	KEY OIL COMPANY	Broadwater #3
507535.4222	4345146.967	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510903.7177	4348028.229	2014-0007443	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
508744.3928	4349284.875	2014-0001793	KEY OIL COMPANY	Trio #1
504885.2132	4352531.687	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC

510027.5026	4343948.453	2014-0003482	KEY OIL COMPANY	King #1
509585.8447	4345224.123	2014-0002100	KEY OIL COMPANY	Gale Smith #1
510352.3889	4347142.883	2014-0015488	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
511491.3751	4341715.969	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
505619.5649	4354875.249	2014-0006266	EXCO RESOURCES (PA), LLC	Clarksburg Office
510941.8003	4344238.217	2014-0006462	KEY OIL COMPANY	Sheets Reese #8
510844.3913	4345348.619	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
507190.7931	4344522.402	2014-0012701	JESAM ENERGY	Field Office
506601.1334	4345314.917	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
500049.3841	4347405.027	2014-0008801	PENNSBORO CITY OF	Pennsboro Tanks
509370.3709	4354800.73	2014-0010256	TRIAD HUNTER, LLC	VALENTINE #1
508040.3969	4355202.648	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
510679.7758	4346546.16	2014-0002109	KEY OIL COMPANY	Gerta Mason #1
503660.3024	4342133.309	2014-0007039	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
508141.284	4357030.449	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
509664.7032	4344247.631	2014-0002617	KEY OIL COMPANY	H O Dotson #1
508630.2379	4343100.594	2014-0002830	HMS RESOURCES, INC.	HMS Resources, Inc.
508986.5946	4348635.936	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
508034.6243	4351858.778	2014-0001809	KEY OIL COMPANY	Ferrebee #7
511903.0425	4341986.811	2014-0006208	KEY OIL COMPANY	Jackson #2
501319.4655	4350545.221	2014-0004888	KEY OIL COMPANY	Noland #1
503552.0631	4351622.395	2014-0004422	KEY OIL COMPANY	B Johnson #2
509674.0876	4343637.275	2014-0006449	KEY OIL COMPANY	Britton #1
501488.1371	4339534.11	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
496143.1584	4344207.649	2014-0007815	WVDOH-EQUIPMENT DIVISION	Ritchie County HQ
505317.3031	4348259.692	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict
507532.2057	4349195.495	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
498308.925	4342532.48	2014-0013186	HARPER CROSBY HOLDINGS, LLC	Hileman #2
502033.5215	4346630.123	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict
500888.4382	4349923.69	2014-0004927	KEY OIL COMPANY	Giebell #6
504760.3403	4343435.201	2014-0013827	HAYDEN HARPER ENERGY	Taylor H-2
505098.9306	4346807.531	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507286.076	4341071.148	2014-0006363	KEY OIL COMPANY	J Langford #1
511736.1616	4342930.186	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
500000.3053	4339895.081	2014-0012494	BRUCETON PETROLEUM CO., INC.	Marion Docks
508421.6052	4344499.883	2014-0010528	TRIAD HUNTER, LLC	NUTTER, M.B. # 6
510509.6218	4344781.406	2014-0002095	KEY OIL COMPANY	Hudkins #5
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
498030.7099	4339958.363	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
507413.2642	4352938.749	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505422.6881	4340683.663	2014-0002830	HMS RESOURCES, INC.	HMS Resources, Inc.
501891.0649	4347137.248	2014-0002739	EQT PRODUCTION COMPANY	Weston ProductionDistrict
510524.8935	4345358.17	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
507100.788	4354858.036	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503137.945	4350063.103	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
505229.1248	4344706.173	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
512695.4222	4343042.328	2014-0003342	KEY OIL COMPANY	S. Smith #1
507346.9066	4349816.122	2014-0002507	KEY OIL COMPANY	Hickman #6
508853.2581	4352137.108	2014-0001797	KEY OIL COMPANY	Ferrebee #1
501860.1628	4349763.056	2014-0002143	BAKER, LEROY	TERM-Ritchie
506904.8794	4354611.046	2014-0013733	CHARITY GAS, INC.	Charity Gas, Inc.
503597.7188	4339895.908	2014-0012710	MURVIN & MEIER OIL CO.	Kiedaish #1
509994.0213	4343138.286	2014-0006448	KEY OIL COMPANY	Harold Burgess #2
504463.92	4344468.21	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
509820.3988	4350806.54	2014-0001805	KEY OIL COMPANY	Ferrebee #4
509613.4947	4353588.928	2014-0010299	TRIAD HUNTER, LLC	LANGON V #7
506421.5548	4353111.326	2014-0009199	ANTERO MIDSTREAM LLC	Annie Horizontal Well Pad
500196.6877	4348154.12	2014-0009002	HARPER CROSBY HOLDINGS, LLC	Geneva #1
498872.217	4347027.567	2014-0014494	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
508984.1275	4343281.328	2014-0008236	KEY OIL COMPANY	Flanagan #3
505501.878	4344570.97	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
505649.9154	4347473.102	2014-0002480	KEY OIL COMPANY	Hickman #10
511736.1616	4342930.186	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
507872.7277	4349983.101	2014-0002142	KEY OIL COMPANY	Sellers #1
508459.2736	4353921.299	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA

506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
508973.5404	4345135.835	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508451.8265	4355700.93	2014-0010273	TRIAD HUNTER, LLC	RIDGEWAY C #3A
506650.1207	4353934.971	2014-0006252	EXCO RESOURCES (PA), LLC	Clarksburg Office
495531.8553	4342046.724	2014-0015945	APPLIED MECHANICS CORP.	Applied Mechanics Corporation
501595.3251	4350756.129	2014-0006404	KEY OIL COMPANY	Noland #7
512748.597	4342187.9	2014-0006423	KEY OIL COMPANY	Sylvester Smith #3
506765.5703	4350399.335	2014-0010197	TRIAD HUNTER, LLC	DOTSON G #1
511316.4035	4344820.154	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
502381.519	4342623.438	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503987.3965	4343885.33	2014-0007914	HAYDEN HARPER ENERGY	Ray Rex #3 1922
506427.7643	4354986.852	2014-0005981	EXCO RESOURCES (PA), LLC	Clarksburg Office
512230.6723	4342220.365	2014-0006422	KEY OIL COMPANY	Sylvester Smith #4
509244.4837	4342049.802	2014-0008166	KEY OIL COMPANY	EAEC #1
510624.8973	4342495.458	2014-0006458	KEY OIL COMPANY	CE Ross #2
505229.1248	4344706.173	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
511180.7262	4346114.053	2014-0002607	KEY OIL COMPANY	Warden #1
504880.5716	4350169.315	2014-0002379	KEY OIL COMPANY	M H Jones #1
506641.324	4352121.592	2014-0002530	KEY OIL COMPANY	Floyd Taylor #1
511138.2249	4345670.087	2014-0003425	KEY OIL COMPANY	Sheets #4
505227.4117	4344687.306	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
502415.8118	4338614.914	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
500500.4077	4350101.218	2014-0006054	KEY OIL COMPANY	Giebell #3
503209.6556	4353273.81	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
505706.621	4341987.825	2014-0007578	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
504522.1963	4343665.889	2014-0006324	KEY OIL COMPANY	ER Taylor #1
509994.6739	4342627.798	2014-0008247	KEY OIL COMPANY	H Burgess #3
510207.2094	4345102.836	2014-0002099	KEY OIL COMPANY	Hudkins #2
503523.0107	4339570.828	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
501666.9326	4340830.779	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
511373.4412	4344105.662	2014-0002623	KEY OIL COMPANY	Ross #2
500679.0654	4349103.662	2014-0007647	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
507891.8643	4342817.936	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
507953.2911	4347501.41	2014-0003579	EQUITRANS, L P	Tollgate Compressor Station
513500.5827	4342469.043	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
506038.6817	4353681.777	2014-0006249	EXCO RESOURCES (PA), LLC	Clarksburg Office
503447.0671	4352390.754	2014-0009170	PERKINS PRODUCTION COMPANY, LLC	Perkins Production Company Tanks
512748.1769	4343557.009	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
507546.5289	4348473.494	2014-0002502	KEY OIL COMPANY	Hickman #7
505308.4783	4344747.288	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
501647.182	4350156.865	2014-0004774	KEY OIL COMPANY	Noland #2
510733.4708	4345136.834	2014-0003384	KEY OIL COMPANY	Hudkins #1
509373.5782	4349551.95	2014-0001753	KEY OIL COMPANY	L. Dotson #1
508284.0413	4352402.828	2014-0001802	KEY OIL COMPANY	Ferrebee #3
503285.5393	4347864.384	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502328.3111	4350290.21	2014-0004719	KEY OIL COMPANY	Maple #3
500991.0093	4338655.332	2014-0007625	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
511883.2155	4343673.614	2014-0002631	KEY OIL COMPANY	Leggett #5
508196.3657	4344447.707	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510922.215	4345902.832	2014-0006693	KEY OIL COMPANY	Hart #2
510111.5956	4347113.825	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
503873.3753	4343419.174	2014-0002113	KEY OIL COMPANY	E R Taylor #2
502052.6002	4346246.15	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
496881.514	4343063.826	2014-0010366	TRIAD HUNTER, LLC	MODRE, G.W. # 1 (L.R.)
506492.8364	4350314.761	2014-0001975	KEY OIL COMPANY	F. Garner #1
506701.5043	4348295.16	2014-0001814	KEY OIL COMPANY	Hickman #1
509457.1322	4350337.323	2014-0006975	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
512093.483	4341631.981	2014-0006212	KEY OIL COMPANY	Jackson #1
505508.4568	4347110.108	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
513836.5112	4342803.224	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
496538.9531	4340857.446	2014-0006122	RITCHIE CNTY BD OF ED	Ritchie co bus garage
507443.1242	4341680.884	2014-0009797	D. G. HANEY, INC.	Weekley B1
509036.8695	4342449.071	2014-0008159	KEY OIL COMPANY	EAEC #2
511013.3957	4342418.313	2014-0006459	KEY OIL COMPANY	CE Ross #1
506179.9886	4346435.986	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA

511620.5315	4346225.672	2014-0002606	KEY OIL COMPANY	Warden #2
502959.6603	4345209.925	2014-0002632	EQT PRODUCTION COMPANY	Weston Production District PEN 13
510467.2233	4344226.469	2014-0008234	KEY OIL COMPANY	Britton #2
509860.2497	4346696.676	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
496896.9515	4340861.957	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
507694.156	4353736.616	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509664.7032	4344247.631	2014-0002617	KEY OIL COMPANY	H O Dotson #1
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
505458.7291	4349514.935	2014-0001632	KEY OIL COMPANY	Boyce #1
509160.7607	4349184.696	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508034.6243	4351858.778	2014-0001809	KEY OIL COMPANY	Ferrebee #7
511647.0701	4341556.617	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
501888.5069	4350578.631	2014-0006016	KEY OIL COMPANY	Maple #1
510799.2866	4347456.332	2014-0004144	KEY OIL COMPANY	Barker #3
510111.5956	4347113.825	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
511264.6251	4347756.626	2014-0003972	KEY OIL COMPANY	Barker #1
496896.1712	4340853.634	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
508786.1471	4350494.57	2014-0001976	KEY OIL COMPANY	L. Garner #1
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
510027.5026	4343948.453	2014-0003482	KEY OIL COMPANY	King #1
513498.9701	4342503.221	2014-0014538	EXTREME PLASTICS PLUS, INC.	NOBLE OXFORD 1
507226.5886	4349383.2	2014-0001817	KEY OIL COMPANY	Hickman #4
506046.5531	4347639.864	2014-0002388	KEY OIL COMPANY	Hickman #11
499290.6144	4340858.71	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
504522.1963	4343665.889	2014-0006324	KEY OIL COMPANY	ER Taylor #1
506604.66	4343081.419	2014-0007577	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
508377.6289	4342378.423	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
507356.4605	4348828.438	2014-0002493	KEY OIL COMPANY	Hickman #9
510289.3501	4348243.577	2014-0006198	KEY OIL COMPANY	Doak #1
503033.4634	4342674.157	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503733.3277	4351145.279	2014-0009170	PERKINS PRODUCTION COMPANY, LLC	Perkins Production Company Tanks
503597.7188	4339895.908	2014-0013100	MURVIN & MEIER OIL CO.	R. Wilson #1
508569.5958	4343547.205	2014-0008237	KEY OIL COMPANY	Flanagan #2
512252.5629	4343067.367	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
503158.0392	4342158.947	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511457.0403	4346823.149	2014-0015468	BRAXTON OIL & GAS CORP.	Braxton Oil & Gas Corp.
505010.228	4349670.002	2014-0000731	KEY OIL COMPANY	Boyce #4
504871.9284	4350202.603	2014-0002593	KEY OIL COMPANY	Dotson Heirs #1
502637.8783	4339726.843	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
507153.3415	4346127.859	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509292.1346	4352770.19	2014-0004146	KEY OIL COMPANY	Lantz #1
505527.4635	4352665.621	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
500672.8203	4350522.943	2014-0006127	KEY OIL COMPANY	Giebell #2
507954.9114	4351071.868	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512400.21	4341880.492	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
509319.0299	4344680.017	2014-0006463	KEY OIL COMPANY	H O Dotson #2
502117.3945	4340801.257	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
508744.3928	4349284.875	2014-0001793	KEY OIL COMPANY	Trio #1
503597.7188	4339895.908	2014-0013061	MURVIN & MEIER OIL CO.	Langford #1
502961.3842	4345214.364	2014-0002632	EQT PRODUCTION COMPANY	Weston Production District PEN 13
506469.9425	4347768.936	2014-0002108	KEY OIL COMPANY	Marsh #1
506854.532	4346885.892	2014-0006234	KEY OIL COMPANY	Broadwater
507501.9057	4346536.024	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506212.1799	4354104.405	2014-0006254	EXCO RESOURCES (PA), LLC	Clarksburg Office
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
502397.4187	4349868.519	2014-0004808	KEY OIL COMPANY	Dulaney #1
505222.706	4354289.011	2014-0006520	EXCO RESOURCES (PA), LLC	Clarksburg Office
511207.8806	4345226.282	2014-0002618	KEY OIL COMPANY	Sheets #6
505082.0939	4343515.861	2014-0013585	HAYDEN HARPER ENERGY	TAYLOR H-5
511437.6462	4346518.712	2014-0002735	DIVERSIFIED RESOURCES, INC.	Diversified Resources Tanks
505010.228	4349670.002	2014-0000731	KEY OIL COMPANY	Boyce #4
503103.8006	4351577.813	2014-0004421	KEY OIL COMPANY	B Johnson #1
504040.3792	4342050.93	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509932.7141	4341737.472	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
506630.6675	4346400.732	2014-0001756	KEY OIL COMPANY	Broadwater #3
506027.8403	4355106.388	2014-0006267	EXCO RESOURCES (PA), LLC	Clarksburg Office

504257.3412	4340043.947	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505710.4691	4354297.122	2014-0006255	EXCO RESOURCES (PA), LLC	Clarksburg Office
507502.3939	4349527.73	2014-0006335	KEY OIL COMPANY	B H Hickman #1
496904.2776	4340832.546	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
503826.0748	4342555.65	2014-0007037	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
502961.3842	4345214.364	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
497568.6251	4345193.207	2014-0009895	HARPER CROSBY HOLDINGS, LLC	Jackson #5
512711.0288	4343581.807	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
505258.3657	4349970.912	2014-0000398	KEY OIL COMPANY	Boyce #5
506725.3301	4350670.084	2014-0002539	KEY OIL COMPANY	Cunningham #1
506890.3603	4349294.115	2014-0006323	KEY OIL COMPANY	BH Hickman #3
508377.6289	4342378.423	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
510941.8003	4344238.217	2014-0006462	KEY OIL COMPANY	Sheets Reese #8
509674.0876	4343637.275	2014-0006449	KEY OIL COMPANY	Britton #1
498040.2545	4347030.395	2014-0007774	WVDOH-EQUIPMENT DIVISION	Pennsboro APD 50
505741.1691	4357073.809	2014-0015116	POSTROCK EASTERN PRODUCTION LLC	Haught Family Trust P-2
498557.0318	4339568.171	2014-0003837	ALLSTATE ENERGY CORP	ALLSTATE ENERGY CORP.
508382.9962	4342282.989	2014-0015488	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
508991.5318	4344346.705	2014-0008243	KEY OIL COMPANY	H O Dotson #3
509585.8447	4345224.123	2014-0002100	KEY OIL COMPANY	Gale Smith #1
508478.6649	4347338.606	2014-0001544	CNX GAS COMPANY LLC	
508474.8978	4351282.163	2014-0001810	KEY OIL COMPANY	Ferrebee #8
511903.0425	4341986.811	2014-0006208	KEY OIL COMPANY	Jackson #2
503552.0631	4351622.395	2014-0004422	KEY OIL COMPANY	B Johnson #2
510947.7488	4345104.283	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
498273.5064	4340431.836	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
507139.9263	4355686.188	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
508809.962	4352767.189	2014-0010290	TRIAD HUNTER, LLC	LANTZ R #5
498627.265	4342735.503	2014-0007350	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
503873.9782	4342202.106	2014-0007040	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
503137.945	4350063.103	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
507346.9066	4349816.122	2014-0002507	KEY OIL COMPANY	Hickman #6
508511.8647	4349007.175	2014-0001795	KEY OIL COMPANY	Trio #2
500184.1916	4340408.01	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
503597.7188	4339895.908	2014-0012710	MURVIN & MEIER OIL CO.	Kiedaish #1
510390.6839	4343382.95	2014-0006447	KEY OIL COMPANY	Harold Burgess #1
513693.1747	4342694.881	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
496400.9712	4344350.019	2014-0006549	EXCO RESOURCES (PA), LLC	Clarksburg Office
507502.3939	4349527.73	2014-0006335	KEY OIL COMPANY	B H Hickman #1
506123.3089	4348749.689	2014-0002387	KEY OIL COMPANY	Hickman #12
506130.5295	4352837.754	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505196.2416	4344849.31	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
512695.4222	4343042.328	2014-0003342	KEY OIL COMPANY	S. Smith #1
510624.8973	4342495.458	2014-0006458	KEY OIL COMPANY	CE Ross #2
510679.7758	4346546.16	2014-0002109	KEY OIL COMPANY	Gerta Mason #1
508474.8978	4351282.163	2014-0001810	KEY OIL COMPANY	Ferrebee #8
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
509658.3765	4342034.654	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
510937.7748	4347112.497	2014-0014590	HANNAN, GLEN	Antero Baker Unit
513327.1665	4342177.434	2014-0004318	DOMINION TRANSMISSION INC	New Oxford Compressor Station
504443.6339	4347970.828	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509488.0614	4350995.344	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
501724.9583	4349366.505	2014-0013213	HARPER CROSBY HOLDINGS, LLC	Hazel Baker #2
512263.1151	4343602.621	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
505649.9154	4347473.102	2014-0002480	KEY OIL COMPANY	Hickman #10
511180.7262	4346114.053	2014-0002607	KEY OIL COMPANY	Warden #1
507311.8745	4350393.169	2014-0002537	KEY OIL COMPANY	Poole #1
508474.8978	4351282.163	2014-0001822	KEY OIL COMPANY	Ferrebee #8
502241.9547	4350756.288	2014-0006011	KEY OIL COMPANY	Maple #2
500888.4382	4349923.69	2014-0004927	KEY OIL COMPANY	Giebell #6
504598.8843	4347085.993	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503236.7983	4339970.325	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
501284.9246	4350867.048	2014-0004926	KEY OIL COMPANY	Noland #6
510207.2094	4345102.836	2014-0002099	KEY OIL COMPANY	Hudkins #2
511736.1616	4342930.186	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia

506683.1717	4349560.279	2014-0006328	KEY OIL COMPANY	BH Hickman #2
504908.0366	4340345.292	2014-0007931	HAYDEN HARPER ENERGY	Richards #1 1926
512469.2293	4344173.919	2014-0006421	KEY OIL COMPANY	Leggett #6
512230.6723	4342220.365	2014-0006422	KEY OIL COMPANY	Sylvester Smith #4
505229.1248	4344706.173	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
509428.0456	4355918.68	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508454.3078	4351904.723	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
501595.3251	4350756.129	2014-0006404	KEY OIL COMPANY	Noland #7
504549.8832	4344727.611	2014-0007045	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
512748.597	4342187.9	2014-0006423	KEY OIL COMPANY	Sylvester Smith #3
511647.7025	4345360.096	2014-0002141	KEY OIL COMPANY	Sheets #1
506873.5161	4346878.14	2014-0001755	KEY OIL COMPANY	Broadwater #2
509820.3988	4350806.54	2014-0001805	KEY OIL COMPANY	Ferrebee #4
508195.2456	4347323.987	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
501932.7403	4339053.796	2014-0003929	APPLIED MECHANICS CORP.	Applied Mechanics Corportion
503597.7188	4339895.908	2014-0013100	MURVIN & MEIER OIL CO.	R. Wilson #1
513125.78	4344501.819	2014-0000420	ENERVEST OPERATING L. L. C.	ENERVEST OPERATING, LLC
508569.5958	4343547.205	2014-0008237	KEY OIL COMPANY	Flanagan #2
510509.6218	4344781.406	2014-0002095	KEY OIL COMPANY	Hudkins #5
510681.0354	4345625.058	2014-0001980	KEY OIL COMPANY	Hart #1
506924.44	4349760.247	2014-0002516	KEY OIL COMPANY	Hickman #5
507546.5289	4348473.494	2014-0002502	KEY OIL COMPANY	Hickman #7
506959.6143	4348994.539	2014-0001816	KEY OIL COMPANY	Hickman #3
505801.4241	4341947.278	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505104.4738	4343868.001	2014-0003823	R.L. & W.F. ZICKEFOOSE LLC	MAIN_SHOP
510733.4708	4345136.834	2014-0003384	KEY OIL COMPANY	Hudkins #1
505367.963	4344821.682	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
505210.079	4339748.552	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
512711.0288	4343581.807	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
508853.2581	4352137.108	2014-0001797	KEY OIL COMPANY	Ferrebee #1
505248.2403	4353227.529	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
504516.5926	4353343.042	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
511534.6807	4344190.24	2014-0013654	BEELINE GAS INC.	Beeline Gas, inc.
508528.8134	4349674.831	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512093.483	4341631.981	2014-0006212	KEY OIL COMPANY	Jackson #1
509244.4837	4342049.802	2014-0008166	KEY OIL COMPANY	EAEC #1
509036.8695	4342449.071	2014-0008159	KEY OIL COMPANY	EAEC #2
496978.2426	4340564.623	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
507872.7277	4349983.101	2014-0002142	KEY OIL COMPANY	Sellers #1
507633.0091	4343640.12	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510922.215	4345902.832	2014-0006693	KEY OIL COMPANY	Hart #2
512272.6088	4342997.262	2014-0002634	KEY OIL COMPANY	Leggett #4
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
511736.1616	4342930.186	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
509373.5782	4349551.95	2014-0001753	KEY OIL COMPANY	L. Dotson #1
503594.4712	4347517.94	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
501448.9474	4349724.016	2014-0004827	KEY OIL COMPANY	Noland #3
500862.5273	4350312.106	2014-0006407	KEY OIL COMPANY	Giebell #7
503597.7188	4339895.908	2014-0013195	MURVIN & MEIER OIL CO.	R. Wilson #1 (2)
510138.9775	4344492.379	2014-0002097	KEY OIL COMPANY	Hudkins #4
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
511620.5315	4346225.672	2014-0002606	KEY OIL COMPANY	Warden #2
510117.392	4347832.739	2014-0006055	KEY OIL COMPANY	W E Doak #1
506641.324	4352121.592	2014-0002530	KEY OIL COMPANY	Floyd Taylor #1
500500.4077	4350101.218	2014-0006054	KEY OIL COMPANY	Giebell #3
509994.6739	4342627.798	2014-0008247	KEY OIL COMPANY	H Burgess #3
509767.5428	4344813.736	2014-0002098	KEY OIL COMPANY	Hudkins #3
511138.2249	4345670.087	2014-0003425	KEY OIL COMPANY	Sheets #4
505227.4117	4344687.306	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
512280.9211	4343309.561	2014-0000420	ENERVEST OPERATING L. L. C.	ENERVEST OPERATING, LLC
506476.9461	4348683.389	2014-0001815	KEY OIL COMPANY	Hickman #2
506701.5043	4348295.16	2014-0001814	KEY OIL COMPANY	Hickman #1
513836.5112	4342803.224	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
513836.5112	4342803.224	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
502176.6596	4341881.84	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503788.8018	4346268.44	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA

497359.4074	4340875.104	2014-0008717	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
511013.3957	4342418.313	2014-0006459	KEY OIL COMPANY	CE Ross #1
508975.0006	4343714.124	2014-0008238	KEY OIL COMPANY	Flanagan #1
511105.0877	4344704.547	2014-0006416	KEY OIL COMPANY	Sheets/Reese #7
511883.2155	4343673.614	2014-0002631	KEY OIL COMPANY	Leggett #5
505877.7292	4349968.358	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
506968.6091	4350316.725	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509082.2803	4352447.664	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511709.4269	4344472.379	2014-0002145	KEY OIL COMPANY	Ross #1'
501888.5069	4350578.631	2014-0000425	RUBIN RESOURCES CO.	Rubin Resources Inc.
501888.5069	4350578.631	2014-0006016	KEY OIL COMPANY	Maple #1
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
510111.5956	4347113.825	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
508284.0413	4352402.828	2014-0001802	KEY OIL COMPANY	Ferrebee #3
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
499965.5464	4347729.633	2014-0003823	R.L. & W.F. ZICKEFOOSE LLC	MAIN_SHOP
509695.1131	4347554.761	2014-0006046	KEY OIL COMPANY	O'Donnell #1
502328.3111	4350290.21	2014-0004719	KEY OIL COMPANY	Maple #3
505774.3265	4342992.092	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506245.237	4341752.635	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505578.7274	4350649.425	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506725.3301	4350670.084	2014-0002539	KEY OIL COMPANY	Cunningham #1
506890.3603	4349294.115	2014-0006323	KEY OIL COMPANY	BH Hickman #3
507226.5886	4349383.2	2014-0001817	KEY OIL COMPANY	Hickman #4
506046.5531	4347639.864	2014-0002388	KEY OIL COMPANY	Hickman #11
510117.392	4347832.739	2014-0006055	KEY OIL COMPANY	W E Doak #1
509854.9628	4353540.954	2014-0010308	TRIAD HUNTER, LLC	LANGON V #1
508377.6289	4342378.423	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
509674.0876	4343637.275	2014-0006449	KEY OIL COMPANY	Britton #1
509767.5428	4344813.736	2014-0002098	KEY OIL COMPANY	Hudkins #3
508786.1471	4350494.57	2014-0001976	KEY OIL COMPANY	L. Garner #1
508008.2426	4350602.379	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
500862.5273	4350312.106	2014-0006407	KEY OIL COMPANY	Giebell #7
507231.324	4357100.132	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
503002.6677	4339484.162	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
504390.5106	4343048.678	2014-0015191	HAYDEN HARPER ENERGY	TAYLOR H-3
510027.5026	4343948.453	2014-0003482	KEY OIL COMPANY	King #1
508059.452	4343169.123	2014-0002830	HMS RESOURCES, INC.	HMS Resources, Inc.
511373.4412	4344105.662	2014-0002623	KEY OIL COMPANY	Ross #2
505010.228	4349670.002	2014-0000731	KEY OIL COMPANY	Boyce #4
504871.9284	4350202.603	2014-0002593	KEY OIL COMPANY	Dotson Heirs #1
505527.4635	4352665.621	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
500212.3608	4349023.178	2014-0007644	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
508775.3752	4344734.876	2014-0008242	KEY OIL COMPANY	H O Dotson #4
507190.7931	4344522.402	2014-0012701	JESAM ENERGY	Field Office
498273.5064	4340431.836	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
509307.0951	4354028.249	2014-0010430	TRIAD HUNTER, LLC	CYC #2
511008.8648	4347592.238	2014-0007441	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
498433.9954	4339995.781	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
496978.2426	4340564.623	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
503808.8945	4342388.734	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504248.1114	4344636.773	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
506011.6497	4343342.399	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508975.0006	4343714.124	2014-0008238	KEY OIL COMPANY	Flanagan #1
509406.6291	4345594.676	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
504393.4548	4345640.299	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504880.5716	4350169.315	2014-0002379	KEY OIL COMPANY	M H Jones #1
502958.7992	4345205.485	2014-0002632	EQT PRODUCTION COMPANY	Weston Production District PEN 13
503597.7188	4339895.908	2014-0013061	MURVIN & MEIER OIL CO.	Langford #1
505228.2679	4344697.295	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
509034.6298	4351837.677	2014-0001800	KEY OIL COMPANY	Ferrebee #2
511918.3091	4343296.349	2014-0006691	KEY OIL COMPANY	Leggett #8
509777.5974	4340981.645	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
502961.3842	4345214.364	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict
502052.6002	4346246.15	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict

508084.7906	4355518.204	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
507212.0422	4351685.182	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504960.4569	4342224.914	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506158.8201	4345822.16	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505229.1277	4344701.734	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
505458.7291	4349514.935	2014-0001632	KEY OIL COMPANY	Boyce #1
506431.2653	4347918.5	2014-0014462	HALL DRILLING, LLC	Pennsboro Water Tanks
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
507486.5906	4355474.657	2014-0010275	TRIAD HUNTER, LLC	RIDGEWAY C #2
510799.2866	4347456.332	2014-0004144	KEY OIL COMPANY	Barker #3
507190.7931	4344522.402	2014-0012701	JESAM ENERGY	Field Office
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
506683.1717	4349560.279	2014-0006328	KEY OIL COMPANY	BH Hickman #2
507356.4605	4348828.438	2014-0002493	KEY OIL COMPANY	Hickman #9
510289.3501	4348243.577	2014-0006198	KEY OIL COMPANY	Doak #1
504744.5233	4343048.885	2014-0013600	HAYDEN HARPER ENERGY	TAYLOR H-4
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
507311.8745	4350393.169	2014-0002537	KEY OIL COMPANY	Poole #1
511619.4865	4342111.676	2014-0015830	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation
504390.5106	4343048.678	2014-0015190	HAYDEN HARPER ENERGY	TAYLOR H-3
508377.6289	4342378.423	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
509994.0213	4343138.286	2014-0006448	KEY OIL COMPANY	Harold Burgess #2
507341.5821	4350800.705	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512497.6533	4342587.008	2014-0003339	KEY OIL COMPANY	S. Smith 2
503697.701	4340801.512	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509292.1346	4352770.19	2014-0004146	KEY OIL COMPANY	Lantz #1
506144.1886	4353223.744	2014-0013224	PARDEE MINERALS, LLC	Haymond C#1
507163.3757	4355297.233	2014-0015468	BRAXTON OIL & GAS CORP.	Braxton Oil & Gas Corp.
503103.8006	4351577.813	2014-0004421	KEY OIL COMPANY	B Johnson #1
506873.5161	4346878.14	2014-0001755	KEY OIL COMPANY	Broadwater #2
506123.3089	4348749.689	2014-0002387	KEY OIL COMPANY	Hickman #12
506469.9425	4347768.936	2014-0002108	KEY OIL COMPANY	Marsh #1
508183.397	4349739.271	2014-0006185	KEY OIL COMPANY	D Kiger #1
512469.2293	4344173.919	2014-0006421	KEY OIL COMPANY	Leggett #6
511207.8806	4345226.282	2014-0002618	KEY OIL COMPANY	Sheets #6
511169.371	4341985.729	2014-0006457	KEY OIL COMPANY	Mary Welch #1
505935.698	4349142.291	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506065.9916	4350372.125	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
508511.8647	4349007.175	2014-0001795	KEY OIL COMPANY	Trio #2
507015.1272	4352088.294	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510467.2233	4344226.469	2014-0008234	KEY OIL COMPANY	Britton #2
502961.3842	4345214.364	2014-0002632	EQT PRODUCTION COMPANY	Weston Production District PEN 13
503290.529	4346461.867	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511736.1616	4342930.186	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
503137.945	4350063.103	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
511569.445	4345770.593	2014-0002140	KEY OIL COMPANY	Sheets #2
503915.1222	4342600.306	2014-0007038	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
509112.071	4350632.777	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508034.6243	4351858.778	2014-0001809	KEY OIL COMPANY	Ferrebee #7
511903.0425	4341986.811	2014-0006208	KEY OIL COMPANY	Jackson #2
503552.0631	4351622.395	2014-0004422	KEY OIL COMPANY	B Johnson #2
506630.6675	4346400.732	2014-0001756	KEY OIL COMPANY	Broadwater #3
506273.1146	4344982.273	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511264.6251	4347756.626	2014-0003972	KEY OIL COMPANY	Barker #1
510711.7229	4348410.611	2014-0006196	KEY OIL COMPANY	Carder #2
504885.2132	4352531.687	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
502397.4187	4349868.519	2014-0004808	KEY OIL COMPANY	Dulaney #1
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
509664.7032	4344247.631	2014-0002617	KEY OIL COMPANY	H O Dotson #1
508991.5318	4344346.705	2014-0008243	KEY OIL COMPANY	H O Dotson #3
509585.8447	4345224.123	2014-0002100	KEY OIL COMPANY	Gale Smith #1
510679.7758	4346546.16	2014-0002109	KEY OIL COMPANY	Gerta Mason #1
509820.3988	4350806.54	2014-0001805	KEY OIL COMPANY	Ferrebee #4
501284.9246	4350867.048	2014-0004926	KEY OIL COMPANY	Noland #6
510624.8973	4342495.458	2014-0006458	KEY OIL COMPANY	CE Ross #2
508984.1275	4343281.328	2014-0008236	KEY OIL COMPANY	Flanagan #3

498030.7099	4339958.363	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
508511.8647	4349007.175	2014-0001795	KEY OIL COMPANY	Trio #2
503153.9296	4349341.76	2014-0013811	CHARITY GAS, INC.	Charity Gas, Inc.
501448.9474	4349724.016	2014-0004827	KEY OIL COMPANY	Noland #3
511536.2142	4344904.928	2014-0002620	KEY OIL COMPANY	Sheets #5
510681.0354	4345625.058	2014-0001980	KEY OIL COMPANY	Hart #1
513327.1665	4342177.434	2014-0004318	DOMINION TRANSMISSION INC	New Oxford Compressor Station
507286.076	4341071.148	2014-0006363	KEY OIL COMPANY	J Langford #1
507502.3939	4349527.73	2014-0006335	KEY OIL COMPANY	B H Hickman #1
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
502779.232	4351079.293	2014-0011147	BFS PETROLEUM PRODUCTS INC	Ritchie Concrete
505649.9154	4347473.102	2014-0002480	KEY OIL COMPANY	Hickman #10
512272.6088	4342997.262	2014-0002634	KEY OIL COMPANY	Leggett #4
505317.3031	4348259.692	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
507346.9066	4349816.122	2014-0002507	KEY OIL COMPANY	Hickman #6
506476.9461	4348683.389	2014-0001815	KEY OIL COMPANY	Hickman #2
499894.1018	4339251.094	2014-0013795	CHARITY GAS, INC.	Charity Gas, Inc.
506122.2466	4348344.957	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510557.1904	4347888.809	2014-0006160	KEY OIL COMPANY	Doak #2
508183.397	4349739.271	2014-0006185	KEY OIL COMPANY	D Kiger #1
505229.1248	4344706.173	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
507311.8745	4350393.169	2014-0002537	KEY OIL COMPANY	Poole #1
500888.4382	4349923.69	2014-0004927	KEY OIL COMPANY	Giebell #6
503597.7188	4339895.908	2014-0013195	MURVIN & MEIER OIL CO.	R. Wilson #1 (2)
506873.5161	4346878.14	2014-0001755	KEY OIL COMPANY	Broadwater #2
506659.1204	4347429.507	2014-0001754	KEY OIL COMPANY	Broadwater #1
512469.2293	4344173.919	2014-0006421	KEY OIL COMPANY	Leggett #6
507645.972	4342474.111	2014-0007396	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
509244.4837	4342049.802	2014-0008166	KEY OIL COMPANY	EAEC #1
511142.2639	4344713.256	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
510509.6218	4344781.406	2014-0002095	KEY OIL COMPANY	Hudkins #5
510937.7748	4347112.497	2014-0015197	HANNAN, GLEN	Antero Baker Unit
512695.4222	4343042.328	2014-0003342	KEY OIL COMPANY	S. Smith #1
508733.7341	4351564.22	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505366.3178	4352230.145	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508755.7436	4356984.394	2014-0013265	PARDEE MINERALS, LLC	Pierpont 1
497345.2332	4342859.793	2014-0003837	ALLSTATE ENERGY CORP	ALLSTATE ENERGY CORP.
507190.7931	4344522.402	2014-0012701	JESAM ENERGY	Field Office
512748.597	4342187.9	2014-0006423	KEY OIL COMPANY	Sylvester Smith #3
511647.7025	4345360.096	2014-0002141	KEY OIL COMPANY	Sheets #1
506722.3053	4344066.873	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510390.6839	4343382.95	2014-0006447	KEY OIL COMPANY	Harold Burgess #1
503523.0107	4339570.828	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
506492.8364	4350314.761	2014-0001975	KEY OIL COMPANY	F. Garner #1
509301.7538	4350197.86	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503947.0679	4347188.511	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509319.0299	4344680.017	2014-0006463	KEY OIL COMPANY	H O Dotson #2
510467.1646	4347489.172	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
512280.9211	4343309.561	2014-0000420	ENERVEST OPERATING L. L. C.	ENERVEST OPERATING, LLC
503052.0989	4344901.447	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
508284.0413	4352402.828	2014-0001802	KEY OIL COMPANY	Ferrebee #3
503597.7188	4339895.908	2014-0013100	MURVIN & MEIER OIL CO.	R. Wilson #1
508569.5958	4343547.205	2014-0008237	KEY OIL COMPANY	Flanagan #2
511373.4412	4344105.662	2014-0002623	KEY OIL COMPANY	Ross #2
510846.7919	4342561.571	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
502806.2871	4346327.064	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510138.9775	4344492.379	2014-0002097	KEY OIL COMPANY	Hudkins #4
510733.4708	4345136.834	2014-0003384	KEY OIL COMPANY	Hudkins #1
509695.1131	4347554.761	2014-0006046	KEY OIL COMPANY	O'Donnell #1
513378.3905	4342355.416	2014-0008213	KEY OIL COMPANY	Stella May #1
511231.003	4347146.206	2014-0004046	KEY OIL COMPANY	Barker #2
496978.2426	4340564.623	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
506905.9577	4347941.989	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
511709.4269	4344472.379	2014-0002145	KEY OIL COMPANY	Ross #1
511113.9587	4348049.944	2014-0007510	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
509643.5114	4350503.573	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA

507872.7277	4349983.101	2014-0002142	KEY OIL COMPANY	Sellers #1
505367.963	4344821.682	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
506923.0658	4354122.206	2014-0012930	GREENWOOD, JAMES C DBA C G & G	C G & G OIL COMPANY
512857.929	4343987.554	2014-0002655	CNX GAS COMPANY LLC	Doddridge County, WV - Tanks - 220
510207.2094	4345102.836	2014-0002099	KEY OIL COMPANY	Hudkins #2
511105.0877	4344704.547	2014-0006416	KEY OIL COMPANY	Sheets/Reese #7
507836.7754	4346629.351	2014-0010428	TRIAD HUNTER, LLC	DAUGHERTY #2
505227.4117	4344687.306	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
511736.1616	4342930.186	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
513836.5112	4342803.224	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
503597.7188	4339895.908	2014-0012711	MURVIN & MEIER OIL CO.	Kiedaish #2
506360.3706	4342299.283	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505865.1208	4346780.768	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511620.5315	4346225.672	2014-0002606	KEY OIL COMPANY	Warden #2
509433.574	4352135.014	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509994.6739	4342627.798	2014-0008247	KEY OIL COMPANY	H Burgess #3
509554.4531	4342671.638	2014-0008246	KEY OIL COMPANY	H Burgess #4
511138.2249	4345670.087	2014-0003425	KEY OIL COMPANY	Sheets #4
510922.215	4345902.832	2014-0006693	KEY OIL COMPANY	Hart #2
502033.5215	4346630.123	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
508086.0061	4354181.367	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506701.5043	4348295.16	2014-0001814	KEY OIL COMPANY	Hickman #1
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
503555.9235	4341243.46	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502328.3111	4350290.21	2014-0004719	KEY OIL COMPANY	Maple #3
512093.483	4341631.981	2014-0006212	KEY OIL COMPANY	Jackson #1
511013.3957	4342418.313	2014-0006459	KEY OIL COMPANY	CE Ross #1
508387.1765	4344259.028	2014-0010530	TRIAD HUNTER, LLC	NUTTER, M.B. # 4
511883.2155	4343673.614	2014-0002631	KEY OIL COMPANY	Leggett #5
511736.1616	4342930.186	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
507546.5289	4348473.494	2014-0002502	KEY OIL COMPANY	Hickman #7
507969.305	4343978.488	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510111.5956	4347113.825	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
513500.5827	4342469.043	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
509140.2817	4353632.306	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506494.0505	4351031.118	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506641.324	4352121.592	2014-0002530	KEY OIL COMPANY	Floyd Taylor #1
500500.4077	4350101.218	2014-0006054	KEY OIL COMPANY	Giebell #3
501888.5069	4350578.631	2014-0006016	KEY OIL COMPANY	Maple #1
509240.7463	4354527.681	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
508786.1471	4350494.57	2014-0001976	KEY OIL COMPANY	L. Garner #1
509034.6298	4351837.677	2014-0001800	KEY OIL COMPANY	Ferrebee #2
504296.8488	4345288.895	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505846.9358	4340182.915	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
511883.2155	4343673.614	2014-0002631	KEY OIL COMPANY	Leggett #5
504871.9284	4350202.603	2014-0002593	KEY OIL COMPANY	Dotson Heirs #1
506890.3603	4349294.115	2014-0006323	KEY OIL COMPANY	BH Hickman #3
510117.392	4347832.739	2014-0006055	KEY OIL COMPANY	W E Doak #1
505527.4635	4352665.621	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaish and Summers Enterprises, LLC
508812.8398	4355175.628	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
498433.9954	4339995.781	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaish and Summers Enterprises, LLC
509767.5428	4344813.736	2014-0002098	KEY OIL COMPANY	Hudkins #3
511264.6251	4347756.626	2014-0003972	KEY OIL COMPANY	Barker #1
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
509564.3674	4354221.662	2014-0010431	TRIAD HUNTER, LLC	CYC #1
506701.5043	4348295.16	2014-0001814	KEY OIL COMPANY	Hickman #1
508749.189	4350159.933	2014-0010280	TRIAD HUNTER, LLC	QUINN M #1
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
500554.4927	4340054.017	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
500862.5273	4350312.106	2014-0006407	KEY OIL COMPANY	Giebell #7
507153.6525	4358375.644	2014-0014703	WEST VIRGINIA OIL & GAS PRODUCERS, LLC	JR MARSH TANK FIELD
508775.3752	4344734.876	2014-0008242	KEY OIL COMPANY	H O Dotson #4
507226.5886	4349383.2	2014-0001817	KEY OIL COMPANY	Hickman #4
509733.6417	4351239.242	2014-0001808	KEY OIL COMPANY	Ferrebee #6
510467.2233	4344226.469	2014-0008234	KEY OIL COMPANY	Britton #2

498791.7038	4341228.874	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
506924.44	4349760.247	2014-0002516	KEY OIL COMPANY	Hickman #5
505248.2403	4353227.529	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
506854.532	4346885.892	2014-0006234	KEY OIL COMPANY	Broadwater
513836.5112	4342803.224	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
504248.1114	4344636.773	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
510706.8248	4340904.18	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
505300.5679	4341906.305	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508790.5009	4344481.645	2014-0008032	TRIAD HUNTER, LLC	DOTSON, H.O. # 1
509319.0299	4344680.017	2014-0006463	KEY OIL COMPANY	H O Dotson #2
505409.2491	4355204.926	2014-0013228	PARDEE MINERALS, LLC	Gray 2
503597.7188	4339895.908	2014-0013061	MURVIN & MEIER OIL CO.	Langford #1
507190.7931	4344522.402	2014-0012701	JESAM ENERGY	Field Office
507055.2988	4351134.37	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
509934.609	4354141.667	2014-0010303	TRIAD HUNTER, LLC	LANGON V #5
511918.3091	4343296.349	2014-0006691	KEY OIL COMPANY	Leggett #8
506959.6143	4348994.539	2014-0001816	KEY OIL COMPANY	Hickman #3
506046.5531	4347639.864	2014-0002388	KEY OIL COMPANY	Hickman #11
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
501194.0986	4348878.442	2014-0013202	HARPER CROSBY HOLDINGS, LLC	Hayhurst #1
510799.2866	4347456.332	2014-0004144	KEY OIL COMPANY	Barker #3
505228.2679	4344697.295	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
510711.7229	4348410.611	2014-0006196	KEY OIL COMPANY	Carder #2
508474.8978	4351282.163	2014-0001822	KEY OIL COMPANY	Ferrebee #8
502241.9547	4350756.288	2014-0006011	KEY OIL COMPANY	Maple #2
501793.6954	4339925.472	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
505010.228	4349670.002	2014-0000731	KEY OIL COMPANY	Boyce #4
499333.3297	4339654.96	2014-0003823	R.L. & W.F. ZICKEFOOSE LLC	MAIN_SHOP
506372.0899	4343805.01	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507676.4067	4342067.415	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508377.6289	4342378.423	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
512469.2293	4344173.919	2014-0006421	KEY OIL COMPANY	Leggett #6
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
512497.6533	4342587.008	2014-0003339	KEY OIL COMPANY	S. Smith 2
508091.1466	4345314.764	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505551.7987	4340249.174	2014-0015049	HAYDEN HARPER ENERGY	Riggs #1 1928
506725.3301	4350670.084	2014-0002539	KEY OIL COMPANY	Cunningham #1
506975.8707	4352608.187	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503103.8006	4351577.813	2014-0004421	KEY OIL COMPANY	B Johnson #1
502961.3842	4345214.364	2014-0002632	EQT PRODUCTION COMPANY	Weston Production District PEN 13
511569.445	4345770.593	2014-0002140	KEY OIL COMPANY	Sheets #2
509994.0213	4343138.286	2014-0006448	KEY OIL COMPANY	Harold Burgess #2
509263.1294	4343140.937	2014-0002830	HMS RESOURCES, INC.	HMS Resources, Inc.
506873.5161	4346878.14	2014-0001755	KEY OIL COMPANY	Broadwater #2
504972.3402	4349857.195	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506469.9425	4347768.936	2014-0002108	KEY OIL COMPANY	Marsh #1
508548.3259	4348550.324	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
504439.0607	4353276.411	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
509664.7032	4344247.631	2014-0002617	KEY OIL COMPANY	H O Dotson #1
506084.2674	4345396.841	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502397.4187	4349868.519	2014-0004808	KEY OIL COMPANY	Dulaney #1
501319.4655	4350545.221	2014-0004888	KEY OIL COMPANY	Noland #1
511169.371	4341985.729	2014-0006457	KEY OIL COMPANY	Mary Welch #1
510994.1492	4348180.727	2014-0007445	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
504885.2132	4352531.687	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
500634.7469	4340520.784	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
510411.3842	4344751.866	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
498273.5064	4340431.836	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
508991.5318	4344346.705	2014-0008243	KEY OIL COMPANY	H O Dotson #3
509585.8447	4345224.123	2014-0002100	KEY OIL COMPANY	Gale Smith #1
507190.7931	4344522.402	2014-0012701	JESAM ENERGY	Field Office
509133.9312	4348014.637	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
508744.3928	4349284.875	2014-0001793	KEY OIL COMPANY	Trio #1
508034.6243	4351858.778	2014-0001809	KEY OIL COMPANY	Ferrebee #7
511903.0425	4341986.811	2014-0006208	KEY OIL COMPANY	Jackson #2

503140.3115	4347610.188	2014-0008801	PENNSBORO CITY OF	Pennsboro Tanks
503416.8226	4346062.851	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510557.1904	4347888.809	2014-0006160	KEY OIL COMPANY	Doak #2
508183.397	4349739.271	2014-0006185	KEY OIL COMPANY	D Kiger #1
501647.182	4350156.865	2014-0004774	KEY OIL COMPANY	Noland #2
506400.6948	4355420.753	2014-0005978	EXCO RESOURCES (PA), LLC	Clarksburg Office
506453.1121	4340153.428	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
507235.3249	4342649.061	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503449.3179	4344367.818	2014-0007915	HAYDEN HARPER ENERGY	Ray Rex #4 1923
505229.1248	4344706.173	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
513836.5112	4342803.224	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
503460.3938	4340396.566	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
496230.9651	4344311.591	2014-0007815	WVDOH-EQUIPMENT DIVISION	Ritchie County HQ
505258.3657	4349970.912	2014-0000398	KEY OIL COMPANY	Boyce #5
511903.0425	4341986.811	2014-0006208	KEY OIL COMPANY	Jackson #2
507703.3387	4344342.222	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510504.903	4346108.787	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505228.2708	4344692.856	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
505806.3196	4344768.727	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512748.597	4342187.9	2014-0006423	KEY OIL COMPANY	Sylvester Smith #3
511658.7974	4343359.214	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
507570.0623	4353280.821	2014-0010293	TRIAD HUNTER, LLC	LANTZ R #2
506539.3047	4352582.728	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
508349.4565	4354985.679	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
505649.9154	4347473.102	2014-0002480	KEY OIL COMPANY	Hickman #10
512695.4222	4343042.328	2014-0003342	KEY OIL COMPANY	S. Smith #1
502201.8402	4339203.906	2014-0003837	ALLSTATE ENERGY CORP	ALLSTATE ENERGY CORP.
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
508511.8647	4349007.175	2014-0001795	KEY OIL COMPANY	Trio #2
502033.5215	4346630.123	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
512925.9348	4342521.784	2014-0012028	CHESAPEAKE APPALACHIA, L.L.C.	Chesapeake Appalachia, L.L.C
498872.217	4347027.567	2014-0014494	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
512858.373	4343770.153	2014-0000420	ENERVEST OPERATING L. L. C.	ENERVEST OPERATING, LLC
506254.2278	4341195.435	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510624.8973	4342495.458	2014-0006458	KEY OIL COMPANY	CE Ross #2
508984.1275	4343281.328	2014-0008236	KEY OIL COMPANY	Flanagan #3
506959.6143	4348994.539	2014-0001816	KEY OIL COMPANY	Hickman #3
507872.7277	4349983.101	2014-0002142	KEY OIL COMPANY	Sellers #1
507102.2766	4354264.973	2014-0006253	EXCO RESOURCES (PA), LLC	Clarksburg Office
510390.6839	4343382.95	2014-0006447	KEY OIL COMPANY	Harold Burgess #1
508190.9167	4346517.073	2014-0010427	TRIAD HUNTER, LLC	DAUGHERTY #3
504463.92	4344468.21	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
503597.7188	4339895.908	2014-0012710	MURVIN & MEIER OIL CO.	Kiedaish #1
511647.7025	4345360.096	2014-0002141	KEY OIL COMPANY	Sheets #1
509994.0213	4343138.286	2014-0006448	KEY OIL COMPANY	Harold Burgess #2
507356.4605	4348828.438	2014-0002493	KEY OIL COMPANY	Hickman #9
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
502481.3552	4349479.35	2014-0007652	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
507585.817	4354184.415	2014-0006245	EXCO RESOURCES (PA), LLC	Clarksburg Office
511604.4951	4344883.611	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
512230.6723	4342220.365	2014-0006422	KEY OIL COMPANY	Sylvester Smith #4
509244.4837	4342049.802	2014-0008166	KEY OIL COMPANY	EAC #1
511736.1616	4342930.186	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
507311.8745	4350393.169	2014-0002537	KEY OIL COMPANY	Poole #1
508853.2581	4352137.108	2014-0001797	KEY OIL COMPANY	Ferrebee #1
500888.4382	4349923.69	2014-0004927	KEY OIL COMPANY	Giebell #6
497970.9575	4346577.186	2014-0013187	HARPER CROSBY HOLDINGS, LLC	Hiley #3
506659.1204	4347429.507	2014-0001754	KEY OIL COMPANY	Broadwater #1
512711.0288	4343581.807	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
513378.3905	4342355.416	2014-0008213	KEY OIL COMPANY	Stella May #1
511536.2142	4344904.928	2014-0002620	KEY OIL COMPANY	Sheets #5
510196.1561	4340676.22	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
503597.7188	4339895.908	2014-0012711	MURVIN & MEIER OIL CO.	Kiedaish #2
504659.9388	4346100.893	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
513836.5112	4342803.224	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506433.1646	4347916.393	2014-0014462	HALL DRILLING, LLC	Pennsboro Water Tanks

509354.6136	4351487.7	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506641.324	4352121.592	2014-0002530	KEY OIL COMPANY	Floyd Taylor #1
500500.4077	4350101.218	2014-0006054	KEY OIL COMPANY	Giebell #3
510207.2094	4345102.836	2014-0002099	KEY OIL COMPANY	Hudkins #2
505228.2679	4344697.295	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
511231.003	4347146.206	2014-0004046	KEY OIL COMPANY	Barker #2
501701.2211	4346306.548	2014-0005664	SPENCER ENTERPRISES, LLC	Spencer Enterprises LLC
511040.1163	4343909.977	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502744.0269	4342326.253	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511180.7262	4346114.053	2014-0002607	KEY OIL COMPANY	Warden #1
511373.4412	4344105.662	2014-0002623	KEY OIL COMPANY	Ross #2
511138.2249	4345670.087	2014-0003425	KEY OIL COMPANY	Sheets #4
507417.805	4346982.956	2014-0013173	HARPER CROSBY HOLDINGS, LLC	E Daugherty #1
506492.8364	4350314.761	2014-0001975	KEY OIL COMPANY	F. Garner #1
508284.0413	4352402.828	2014-0001802	KEY OIL COMPANY	Ferrebee #3
509036.8695	4342449.071	2014-0008159	KEY OIL COMPANY	EAEC #2
510228.0268	4344227.595	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
507546.5289	4348473.494	2014-0002502	KEY OIL COMPANY	Hickman #7
506098.6595	4347184.901	2014-0002497	KEY OIL COMPANY	Hickman #8
505308.4783	4344747.288	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
502052.6002	4346246.15	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
512726.0493	4342306.385	2014-0007506	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
510111.5956	4347113.825	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
510111.5956	4347113.825	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
507286.076	4341071.148	2014-0006363	KEY OIL COMPANY	J Langford #1
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
505786.4689	4346173.781	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503873.3753	4343419.174	2014-0002113	KEY OIL COMPANY	E R Taylor #2
504948.6536	4342736.726	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506572.0038	4343635.05	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511013.3957	4342418.313	2014-0006459	KEY OIL COMPANY	CE Ross #1
506431.5651	4346821.721	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511620.5315	4346225.672	2014-0002606	KEY OIL COMPANY	Warden #2
500991.0093	4338655.332	2014-0007625	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
498030.7099	4339958.363	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
502052.6002	4346246.15	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
509994.6739	4342627.798	2014-0008247	KEY OIL COMPANY	H Burgess #3
509767.5428	4344813.736	2014-0002098	KEY OIL COMPANY	Hudkins #3
510733.4708	4345136.834	2014-0003384	KEY OIL COMPANY	Hudkins #1
510922.215	4345902.832	2014-0006693	KEY OIL COMPANY	Hart #2
500000.3053	4339196.716	2014-0013810	CHARITY GAS, INC.	Charity Gas, Inc.
502052.6002	4346246.15	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
508415.7718	4352785.286	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504732.3541	4352865.967	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
512004.0388	4344060.994	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
508691.8351	4347928.237	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509373.5782	4349551.95	2014-0001753	KEY OIL COMPANY	L. Dotson #1
505369.4103	4351494.702	2014-0015162	MICHELS, JOSEPH ROBERT	ARLIE TAYLOR TANK FIELD
501319.4655	4350545.221	2014-0004888	KEY OIL COMPANY	Noland #1
497993.0775	4347055.155	2014-0007774	WVDOH-EQUIPMENT DIVISION	Pennsboro APD 50
512416.5079	4341564.237	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
506034.2769	4340635.836	2014-0002830	HMS RESOURCES, INC.	HMS Resources, Inc.
510941.8003	4344238.217	2014-0006462	KEY OIL COMPANY	Sheets Reese #8
509664.7032	4344247.631	2014-0002617	KEY OIL COMPANY	H O Dotson #1
505832.5905	4350255.754	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
500582.274	4349575.527	2014-0007639	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
510467.2233	4344226.469	2014-0008234	KEY OIL COMPANY	Britton #2
510799.2866	4347456.332	2014-0004144	KEY OIL COMPANY	Barker #3
501888.5069	4350578.631	2014-0006016	KEY OIL COMPANY	Maple #1
502306.1248	4338392.155	2014-0003823	R.L. & W.F. ZICKEFOOSE LLC	MAIN_SHOP
510027.5026	4343948.453	2014-0003482	KEY OIL COMPANY	King #1
508452.2813	4346372.639	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
506890.3603	4349294.115	2014-0006323	KEY OIL COMPANY	BH Hickman #3
510117.392	4347832.739	2014-0006055	KEY OIL COMPANY	W E Doak #1
506929.0498	4343298.768	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA

510679.4491	4341417.515	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
509554.4531	4342671.638	2014-0008246	KEY OIL COMPANY	H Burgess #4
506098.6595	4347184.901	2014-0002497	KEY OIL COMPANY	Hickman #8
511264.6251	4347756.626	2014-0003972	KEY OIL COMPANY	Barker #1
498273.5064	4340431.836	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
508786.1471	4350494.57	2014-0001976	KEY OIL COMPANY	L. Garner #1
508569.5958	4343547.205	2014-0008237	KEY OIL COMPANY	Flanagan #2
505493.695	4346513.711	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512711.0288	4343581.807	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
503598.1087	4342051.491	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509756.8441	4354672.471	2014-0010306	TRIAD HUNTER, LLC	LANGON V #3
505458.7291	4349514.935	2014-0001632	KEY OIL COMPANY	Boyce #1
507226.5886	4349383.2	2014-0001817	KEY OIL COMPANY	Hickman #4
506046.5531	4347639.864	2014-0002388	KEY OIL COMPANY	Hickman #11
509733.6417	4351239.242	2014-0001808	KEY OIL COMPANY	Ferrebee #6
503103.8006	4351577.813	2014-0004421	KEY OIL COMPANY	B Johnson #1
506604.66	4343081.419	2014-0007577	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
511264.6251	4347756.626	2014-0000425	RUBIN RESOURCES CO.	Rubin Resources Inc.
505701.3677	4347883.752	2014-0002386	KEY OIL COMPANY	Hickman #14
505010.228	4349670.002	2014-0000731	KEY OIL COMPANY	Boyce #4
508121.558	4351490.424	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
505403.9272	4343596.534	2014-0013587	HAYDEN HARPER ENERGY	Taylor H-1
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
502327.2439	4339390.158	2014-0003926	APPLIED MECHANICS CORP.	Applied Mechanics Corp.
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
503597.7188	4339895.908	2014-0013061	MURVIN & MEIER OIL CO.	Langford #1
504522.1963	4343665.889	2014-0006324	KEY OIL COMPANY	ER Taylor #1
509880.9034	4343870.583	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
506469.9425	4347768.936	2014-0002108	KEY OIL COMPANY	Marsh #1
502397.4187	4349868.519	2014-0004808	KEY OIL COMPANY	Dulaney #1
503826.0748	4342555.65	2014-0007037	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
502961.3842	4345214.364	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
511169.371	4341985.729	2014-0006457	KEY OIL COMPANY	Mary Welch #1
506854.532	4346885.892	2014-0006234	KEY OIL COMPANY	Broadwater
508298.1024	4355952.574	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
508744.3928	4349284.875	2014-0001793	KEY OIL COMPANY	Trio #1
501595.3251	4350756.129	2014-0006404	KEY OIL COMPANY	Noland #7
502958.7992	4345205.485	2014-0002632	EQT PRODUCTION COMPANY	Weston Production District PEN 13
507119.4039	4350608.841	2014-0010412	TRIAD HUNTER, LLC	DOTSON C #1
507502.3939	4349527.73	2014-0006335	KEY OIL COMPANY	B H Hickman #1
500672.8203	4350522.943	2014-0006127	KEY OIL COMPANY	Giebell #2
509936.3626	4345452.95	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506171.247	4354644.833	2014-0006270	EXCO RESOURCES (PA), LLC	Clarksburg Office
505010.228	4349670.002	2014-0000731	KEY OIL COMPANY	Boyce #4
504871.9284	4350202.603	2014-0002593	KEY OIL COMPANY	Dotson Heirs #1
508377.6289	4342378.423	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
510711.7229	4348410.611	2014-0006196	KEY OIL COMPANY	Carder #2
503236.7983	4339970.325	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
500313.5699	4339067.214	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
502225.9529	4344887.518	2014-0007767	HAYDEN HARPER ENERGY	J Wilson #1 1967
506164.829	4357308.297	2014-0015117	POSTROCK EASTERN PRODUCTION LLC	Haught Family Trust P-1
506725.3301	4350670.084	2014-0002539	KEY OIL COMPANY	Cunningham #1
508474.8978	4351282.163	2014-0001810	KEY OIL COMPANY	Ferrebee #8
508034.6243	4351858.778	2014-0001809	KEY OIL COMPANY	Ferrebee #7
503552.0631	4351622.395	2014-0004422	KEY OIL COMPANY	B Johnson #2
506630.6675	4346400.732	2014-0001756	KEY OIL COMPANY	Broadwater #3
512497.6533	4342587.008	2014-0003339	KEY OIL COMPANY	S. Smith 2
508991.5318	4344346.705	2014-0008243	KEY OIL COMPANY	H O Dotson #3
509585.8447	4345224.123	2014-0002100	KEY OIL COMPANY	Gale Smith #1
507614.43	4346056.715	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505258.3657	4349970.912	2014-0000398	KEY OIL COMPANY	Boyce #5
506340.0545	4340636.078	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
504866.8907	4341122.426	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505179.5335	4344672.737	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA

504839.2028	4345130.183	2014-0007364	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
502249.7092	4347483.589	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510679.7758	4346546.16	2014-0002109	KEY OIL COMPANY	Gerta Mason #1
506873.5161	4346878.14	2014-0001755	KEY OIL COMPANY	Broadwater #2
511996.183	4343500.886	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
510557.1904	4347888.809	2014-0006160	KEY OIL COMPANY	Doak #2
508183.397	4349739.271	2014-0006185	KEY OIL COMPANY	D Kiger #1
508492.1781	4357728.877	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510937.7748	4347112.497	2014-0014590	HANNAN, GLEN	Antero Baker Unit
512695.4222	4343042.328	2014-0003342	KEY OIL COMPANY	S. Smith #1
503873.3753	4343419.174	2014-0002113	KEY OIL COMPANY	E R Taylor #2
506123.3089	4348749.689	2014-0002387	KEY OIL COMPANY	Hickman #12
506476.9461	4348683.389	2014-0001815	KEY OIL COMPANY	Hickman #2
509436.2478	4353770.937	2014-0010297	TRIAD HUNTER, LLC	LANGON V #8
503137.945	4350063.103	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
503764.3446	4340085.865	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505228.2708	4344692.856	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
508884.7295	4354020.432	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
504163.2958	4340579.462	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508474.8978	4351282.163	2014-0001810	KEY OIL COMPANY	Ferrebee #8
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
504204.0344	4346052.581	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508984.1275	4343281.328	2014-0008236	KEY OIL COMPANY	Flanagan #3
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
505649.9154	4347473.102	2014-0002480	KEY OIL COMPANY	Hickman #10
511736.1616	4342930.186	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
501448.9474	4349724.016	2014-0004827	KEY OIL COMPANY	Noland #3
511207.8806	4345226.282	2014-0002618	KEY OIL COMPANY	Sheets #6
511536.2142	4344904.928	2014-0002620	KEY OIL COMPANY	Sheets #5
511647.7025	4345360.096	2014-0002141	KEY OIL COMPANY	Sheets #1
505085.0467	4340699.527	2014-0007938	HAYDEN HARPER ENERGY	Richards #2 1927
509263.1294	4343140.937	2014-0002830	HMS RESOURCES, INC.	HMS Resources, Inc.
510681.0354	4345625.058	2014-0001980	KEY OIL COMPANY	Hart #1
504549.8832	4344727.611	2014-0007045	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
511180.7262	4346114.053	2014-0002607	KEY OIL COMPANY	Warden #1
508474.8978	4351282.163	2014-0001822	KEY OIL COMPANY	Ferrebee #8
510624.8973	4342495.458	2014-0006458	KEY OIL COMPANY	CE Ross #2
501730.2255	4338809.049	2014-0003837	ALLSTATE ENERGY CORP	ALLSTATE ENERGY CORP.
504169.3972	4341441.965	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502241.9547	4350756.288	2014-0006011	KEY OIL COMPANY	Maple #2
512469.2293	4344173.919	2014-0006421	KEY OIL COMPANY	Leggett #6
507311.8745	4350393.169	2014-0002537	KEY OIL COMPANY	Poole #1
506959.6143	4348994.539	2014-0001816	KEY OIL COMPANY	Hickman #3
506062.18	4351615.065	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510390.6839	4343382.95	2014-0006447	KEY OIL COMPANY	Harold Burgess #1
513378.3905	4342355.416	2014-0008213	KEY OIL COMPANY	Stella May #1
507900.6931	4352337.73	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
504454.65	4346500.62	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
498872.217	4347027.567	2014-0014494	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
502481.3552	4349479.35	2014-0007652	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
501284.9246	4350867.048	2014-0004926	KEY OIL COMPANY	Noland #6
503597.7188	4339895.908	2014-0012710	MURVIN & MEIER OIL CO.	Kiedaish #1
505883.7756	4341478.579	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508569.5958	4343547.205	2014-0008237	KEY OIL COMPANY	Flanagan #2
511534.6905	4344183.581	2014-0013654	BEELINE GAS INC.	Beeline Gas, Inc.
509036.8695	4342449.071	2014-0008159	KEY OIL COMPANY	EAEC #2
510939.7956	4345669.807	2014-0014204	MUTSCHELKNAUS, CLARENCE W	DOTSON 1
506659.1204	4347429.507	2014-0001754	KEY OIL COMPANY	Broadwater #1
507801.6217	4349607.816	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508853.2581	4352137.108	2014-0001797	KEY OIL COMPANY	Ferrebee #1
505248.2403	4353227.529	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaish and Summers Enterprises, LLC
501647.182	4350156.865	2014-0004774	KEY OIL COMPANY	Noland #2
513836.5112	4342803.224	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
509244.4837	4342049.802	2014-0008166	KEY OIL COMPANY	EAEC #1

509718.3368	4341362.328	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
505210.079	4339748.552	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict
500888.4382	4349923.69	2014-0004927	KEY OIL COMPANY	Giebell #6
500862.5273	4350312.106	2014-0006407	KEY OIL COMPANY	Giebell #7
503597.7188	4339895.908	2014-0013195	MURVIN & MEIER OIL CO.	R. Wilson #1 (2)
512230.6723	4342220.365	2014-0006422	KEY OIL COMPANY	Sylvester Smith #4
497890.5331	4346158.716	2014-0013175	HARPER CROSBY HOLDINGS, LLC	Hiley #4
497359.4074	4340875.104	2014-0008717	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
510138.9775	4344492.379	2014-0002097	KEY OIL COMPANY	Hudkins #4
503354.1271	4345609.265	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507286.076	4341071.148	2014-0006363	KEY OIL COMPANY	J Langford #1
506725.3301	4350670.084	2014-0000425	RUBIN RESOURCES CO.	Rubin Resources Inc.
509311.5298	4350820.453	2014-0006992	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
505419.6203	4345108.147	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512272.6088	4342997.262	2014-0002634	KEY OIL COMPANY	Leggett #4
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
503597.7188	4339895.908	2014-0012711	MURVIN & MEIER OIL CO.	Kiedaish #2
510524.4582	4343887.625	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511373.4412	4344105.662	2014-0002623	KEY OIL COMPANY	Ross #2
498030.7099	4339958.363	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaish and Summers Enterprises, LLC
501888.5069	4350578.631	2014-0006016	KEY OIL COMPANY	Maple #1
509695.1131	4347554.761	2014-0006046	KEY OIL COMPANY	O'Donnell #1
502155.2246	4341359.695	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512585.5569	4343740.189	2014-0010023	BEELINE GAS INC.	Beeline Gas, Inc.
508975.0006	4343714.124	2014-0008238	KEY OIL COMPANY	Flanagan #1
511105.0877	4344704.547	2014-0006416	KEY OIL COMPANY	Sheets/Reese #7
510111.5956	4347113.825	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506492.8364	4350314.761	2014-0001975	KEY OIL COMPANY	F. Garner #1
508786.1471	4350494.57	2014-0001976	KEY OIL COMPANY	L. Garner #1
511709.4269	4344472.379	2014-0002145	KEY OIL COMPANY	Ross #1`
511620.5315	4346225.672	2014-0002606	KEY OIL COMPANY	Warden #2
511620.5315	4346225.672	2014-0002606	KEY OIL COMPANY	Warden #2
507546.5289	4348473.494	2014-0002502	KEY OIL COMPANY	Hickman #7
509767.5428	4344813.736	2014-0002098	KEY OIL COMPANY	Hudkins #3
510733.4708	4345136.834	2014-0003384	KEY OIL COMPANY	Hudkins #1
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
502052.6002	4346246.15	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict
500500.4077	4350101.218	2014-0006054	KEY OIL COMPANY	Giebell #3
509994.6739	4342627.798	2014-0008247	KEY OIL COMPANY	H Burgess #3
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
505699.8216	4345629.601	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503052.0989	4344901.447	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
505968.7891	4342511.603	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505116.1177	4343217.58	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510735.9046	4342422.255	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
508535.5894	4353330.094	2014-0015468	BRAXTON OIL & GAS CORP.	Braxton Oil & Gas Corp.
502545.9976	4349046.229	2014-0008801	PENNSBORO CITY OF	Pennsboro Tanks
508630.2379	4343100.594	2014-0002830	HMS RESOURCES, INC.	HMS Resources, Inc.
509187.5811	4346032.217	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
498273.5064	4340431.836	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaish and Summers Enterprises, LLC
507944.5623	4357834.727	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
513532.0232	4342904.012	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
508975.0006	4343714.124	2014-0008238	KEY OIL COMPANY	Flanagan #1
511457.3057	4343524.048	2014-0002655	CNX GAS COMPANY LLC	Doddridge County, WV - Tanks - 220
505010.228	4349670.002	2014-0000731	KEY OIL COMPANY	Boyce #4
504463.5297	4341977.584	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508377.6289	4342378.423	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
510941.8003	4344238.217	2014-0006462	KEY OIL COMPANY	Sheets Reese #8
509661.1873	4353980.405	2014-0010307	TRIAD HUNTER, LLC	LANGON V #2
506890.3603	4349294.115	2014-0006323	KEY OIL COMPANY	BH Hickman #3
507226.5886	4349383.2	2014-0001817	KEY OIL COMPANY	Hickman #4
510474.4726	4347892.36	2014-0007442	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
496978.2426	4340564.623	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaish and Summers Enterprises, LLC
498433.9954	4339995.781	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaish and Summers Enterprises, LLC
510778.5405	4341859.445	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
509554.4531	4342671.638	2014-0008246	KEY OIL COMPANY	H Burgess #4

506098.6595	4347184.901	2014-0002497	KEY OIL COMPANY	Hickman #8
509034.6298	4351837.677	2014-0001800	KEY OIL COMPANY	Ferrebee #2
505771.5039	4351242.96	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
500212.3608	4349023.178	2014-0007644	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
504180.0853	4347600.909	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504248.1114	4344636.773	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
501319.4655	4350545.221	2014-0004888	KEY OIL COMPANY	Noland #1
508775.3752	4344734.876	2014-0008242	KEY OIL COMPANY	H O Dotson #4
503489.5035	4342682.892	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511918.3091	4343296.349	2014-0006691	KEY OIL COMPANY	Leggett #8
509733.6417	4351239.242	2014-0001808	KEY OIL COMPANY	Ferrebee #6
503103.8006	4351577.813	2014-0004421	KEY OIL COMPANY	B Johnson #1
505229.1277	4344701.734	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
502052.6002	4346246.15	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
511231.003	4347146.206	2014-0004046	KEY OIL COMPANY	Barker #2
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
497214.56	4345257.692	2014-0009929	HARPER CROSBY HOLDINGS, LLC	Jackson #3
507356.4605	4348828.438	2014-0002493	KEY OIL COMPANY	Hickman #9
500964.8439	4338664.096	2014-0003927	APPLIED MECHANICS CORP.	Applied Mechanics Corp.
504880.5716	4350169.315	2014-0002379	KEY OIL COMPANY	M H Jones #1
505458.7291	4349514.935	2014-0001632	KEY OIL COMPANY	Boyce #1
506924.44	4349760.247	2014-0002516	KEY OIL COMPANY	Hickman #5
507096.2106	4343776.114	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507827.1161	4345680.272	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
502958.7992	4345205.485	2014-0002632	EQT PRODUCTION COMPANY	Weston Production District PEN 13
500672.8203	4350522.943	2014-0006127	KEY OIL COMPANY	Giebell #2
506683.1717	4349560.279	2014-0006328	KEY OIL COMPANY	BH Hickman #2
506144.1886	4353223.744	2014-0013224	PARDEE MINERALS, LLC	Haymond C#1
502252.5666	4339958.217	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
509889.4204	4343959.374	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
508298.1024	4355952.574	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
503123.161	4344123.645	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
502961.3842	4345214.364	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
512497.6533	4342587.008	2014-0003339	KEY OIL COMPANY	S. Smith 2
509525.8211	4346263.675	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506123.3089	4348749.689	2014-0002387	KEY OIL COMPANY	Hickman #12
508183.397	4349739.271	2014-0006185	KEY OIL COMPANY	D Kiger #1
509292.1346	4352770.19	2014-0004146	KEY OIL COMPANY	Lantz #1
511169.371	4341985.729	2014-0006457	KEY OIL COMPANY	Mary Welch #1
506854.532	4346885.892	2014-0006234	KEY OIL COMPANY	Broadwater
513243.35	4342436.42	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
504286.4353	4348855.335	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508034.6243	4351858.778	2014-0001809	KEY OIL COMPANY	Ferrebee #7
506703.9067	4344792.529	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503660.3024	4342133.309	2014-0007039	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
511569.445	4345770.593	2014-0002140	KEY OIL COMPANY	Sheets #2
510161.3244	4342103.32	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
511120.7809	4346530.018	2014-0002735	DIVERSIFIED RESOURCES, INC.	Diversified Resources Tanks
510679.7758	4346546.16	2014-0002109	KEY OIL COMPANY	Gerta Mason #1
506405.6477	4344449.585	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511736.1616	4342930.186	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
507591.6992	4351949.89	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502588.9647	4344297.571	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
507190.7931	4344522.402	2014-0012701	JESAM ENERGY	Field Office
508744.3928	4349284.875	2014-0001793	KEY OIL COMPANY	Trio #1
504885.2132	4352531.687	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
506855.4605	4340218.136	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
510027.5026	4343948.453	2014-0003482	KEY OIL COMPANY	King #1
510711.7229	4348410.611	2014-0006196	KEY OIL COMPANY	Carder #2
500556.4071	4338627.656	2014-0007115	HARRISVILLE, TOWN OF	Pullman Tank
502397.4187	4349868.519	2014-0004808	KEY OIL COMPANY	Dulaney #1
503552.0631	4351622.395	2014-0004422	KEY OIL COMPANY	B Johnson #2
509585.8447	4345224.123	2014-0002100	KEY OIL COMPANY	Gale Smith #1
506630.6675	4346400.732	2014-0001756	KEY OIL COMPANY	Broadwater #3

500780.1809	4339115.521	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
509674.0876	4343637.275	2014-0006449	KEY OIL COMPANY	Britton #1
508991.5318	4344346.705	2014-0008243	KEY OIL COMPANY	H O Dotson #3
508283.8409	4345768.526	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
498030.7099	4339958.363	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
507599.4202	4355346.032	2014-0013797	CHARITY GAS, INC.	Charity Gas, Inc.
510681.0354	4345625.058	2014-0001980	KEY OIL COMPANY	Hart #1
505422.6881	4340683.663	2014-0002830	HMS RESOURCES, INC.	HMS Resources, Inc.
511536.2142	4344904.928	2014-0002620	KEY OIL COMPANY	Sheets #5
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
511647.7025	4345360.096	2014-0002141	KEY OIL COMPANY	Sheets #1
507286.076	4341071.148	2014-0006363	KEY OIL COMPANY	J Langford #1
511736.1616	4342930.186	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
505317.3031	4348259.692	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict
501284.9246	4350867.048	2014-0004926	KEY OIL COMPANY	Noland #6
498872.217	4347027.567	2014-0014494	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
508984.1275	4343281.328	2014-0008236	KEY OIL COMPANY	Flanagan #3
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
505056.8458	4345858.657	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
504678.4607	4341675.079	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505258.3657	4349970.912	2014-0000398	KEY OIL COMPANY	Boyce #5
506959.6143	4348994.539	2014-0001816	KEY OIL COMPANY	Hickman #3
510509.6218	4344781.406	2014-0002095	KEY OIL COMPANY	Hudkins #5
511989.1496	4344991.506	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502033.5215	4346630.123	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict
507502.3939	4349527.73	2014-0006335	KEY OIL COMPANY	B H Hickman #1
504312.0777	4340827.794	2014-0015631	BRAXTON OIL & GAS CORP.	Braxton Oil & Gas Corp.
506625.5923	4354402.165	2014-0005976	EXCO RESOURCES (PA), LLC	Clarksburg Office
508474.6443	4350960.107	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509820.3988	4350806.54	2014-0001805	KEY OIL COMPANY	Ferrebee #4
505291.3033	4351115.772	2014-0006789	EXCO RESOURCES (PA), LLC	Clarksburg Office
508795.3923	4356509.009	2014-0013264	PARDEE MINERALS, LLC	Pierpont 2
506873.5161	4346878.14	2014-0001755	KEY OIL COMPANY	Broadwater #2
506659.1204	4347429.507	2014-0001754	KEY OIL COMPANY	Broadwater #1
505196.2416	4344849.31	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
507346.9066	4349816.122	2014-0002507	KEY OIL COMPANY	Hickman #6
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
503597.7188	4339895.908	2014-0012711	MURVIN & MEIER OIL CO.	Kiedaish #2
506904.8794	4354611.046	2014-0013733	CHARITY GAS, INC.	Charity Gas, Inc.
501891.0649	4347137.248	2014-0002739	EQT PRODUCTION COMPANY	Weston ProductionDistrict
496143.1584	4344207.649	2014-0007815	WVDOH-EQUIPMENT DIVISION	Ritchie County HQ
509918.8826	4353835.903	2014-0010301	TRIAD HUNTER, LLC	LANGON V #6
500888.4382	4349923.69	2014-0004927	KEY OIL COMPANY	Giebell #6
513378.3905	4342355.416	2014-0008213	KEY OIL COMPANY	Stella May #1
513419.5069	4342839.341	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
510390.6839	4343382.95	2014-0006447	KEY OIL COMPANY	Harold Burgess #1
507124.066	4345499.152	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
507264.9528	4341135.827	2014-0007579	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
510557.1904	4347888.809	2014-0006160	KEY OIL COMPANY	Doak #2
505248.2403	4353227.529	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
509244.4837	4342049.802	2014-0008166	KEY OIL COMPANY	EAC #1
511184.3515	4345028.044	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
502619.2562	4342997.279	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508403.9221	4355459.502	2014-0010274	TRIAD HUNTER, LLC	RIDGEWAY C #3
496593.7252	4343329.067	2014-0010860	TRIAD HUNTER, LLC	SHEARER M P # 3
501595.3251	4350756.129	2014-0006404	KEY OIL COMPANY	Noland #7
513222.8289	4343750.896	2014-0008971	HARPER CROSBY HOLDINGS, LLC	A Beaver #2
511373.4412	4344105.662	2014-0002623	KEY OIL COMPANY	Ross #2
510289.3501	4348243.577	2014-0006198	KEY OIL COMPANY	Doak #1
506610.862	4353481.039	2014-0006250	EXCO RESOURCES (PA), LLC	Clarksburg Office
509695.1131	4347554.761	2014-0006046	KEY OIL COMPANY	O'Donnelli #1
505229.1248	4344706.173	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
501448.9474	4349724.016	2014-0004827	KEY OIL COMPANY	Noland #3
503716.2438	4350812.34	2014-0009170	PERKINS PRODUCTION COMPANY, LLC	Perkins Production Company Tanks
504880.5716	4350169.315	2014-0002379	KEY OIL COMPANY	M H Jones #1

508284.0413	4352402.828	2014-0001802	KEY OIL COMPANY	Ferrebee #3
508174.821	4353558.765	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
501917.7491	4350171.242	2014-0007651	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
512272.6088	4342997.262	2014-0002634	KEY OIL COMPANY	Leggett #4
501667.0253	4340395.867	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
503478.056	4346877.443	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504522.1963	4343665.889	2014-0006324	KEY OIL COMPANY	ER Taylor #1
507891.8643	4342817.936	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict
509128.0923	4345557.391	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509319.0299	4344680.017	2014-0006463	KEY OIL COMPANY	H O Dotson #2
505501.878	4344570.97	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
510990.5703	4341156.599	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
503597.7188	4339895.908	2014-0013195	MURVIN & MEIER OIL CO.	R. Wilson #1 (2)
513089.8296	4342988.933	2014-0012467	CHESAPEAKE APPALACHIA, L.L.C.	CHESAPEAKE APPALACHIA, L.L.C.
510733.4708	4345136.834	2014-0003384	KEY OIL COMPANY	Hudkins #1
511138.2249	4345670.087	2014-0003425	KEY OIL COMPANY	Sheets #4
505227.4117	4344687.306	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
506641.324	4352121.592	2014-0002530	KEY OIL COMPANY	Floyd Taylor #1
502328.3111	4350290.21	2014-0004719	KEY OIL COMPANY	Maple #3
511231.003	4347146.206	2014-0004046	KEY OIL COMPANY	Barker #2
512156.4192	4344456.082	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
513498.9701	4342503.221	2014-0014538	EXTREME PLASTICS PLUS, INC.	NOBLE OXFORD 1
511709.4269	4344472.379	2014-0002145	KEY OIL COMPANY	Ross #1`
508731.3215	4342538.281	2014-0002830	HMS RESOURCES, INC.	HMS Resources, Inc.
507953.2911	4347501.41	2014-0003579	EQUITRANS, L P	Tollgate Compressor Station
505210.079	4339748.552	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict
513836.5112	4342803.224	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
507709.2402	4350247.95	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509373.5782	4349551.95	2014-0001753	KEY OIL COMPANY	L. Dotson #1
507822.2986	4344804.777	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
496538.9531	4340857.446	2014-0006122	RITCHIE CNTY BD OF ED	Ritchie co bus garage
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
505453.078	4342537.639	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506779.2982	4342726.336	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507546.5289	4348473.494	2014-0002502	KEY OIL COMPANY	Hickman #7
506476.9461	4348683.389	2014-0001815	KEY OIL COMPANY	Hickman #2
508994.7699	4352986.691	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
500500.4077	4350101.218	2014-0006054	KEY OIL COMPANY	Giebell #3
503239.7474	4345145.337	2014-0006978	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
512093.483	4341631.981	2014-0006212	KEY OIL COMPANY	Jackson #1
506954.7917	4341718.499	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509994.6739	4342627.798	2014-0008247	KEY OIL COMPANY	H Burgess #3
510138.9775	4344492.379	2014-0002097	KEY OIL COMPANY	Hudkins #4
505228.2708	4344692.856	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
506492.8364	4350314.761	2014-0001975	KEY OIL COMPANY	F. Garner #1
505192.2054	4353503.27	2014-0006518	EXCO RESOURCES (PA), LLC	Clarksburg Office
501647.182	4350156.865	2014-0004774	KEY OIL COMPANY	Noland #2
507619.9699	4355655.348	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
513836.5112	4342803.224	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
503873.3753	4343419.174	2014-0002113	KEY OIL COMPANY	E R Taylor #2
511918.3091	4343296.349	2014-0006691	KEY OIL COMPANY	Leggett #8
509733.6417	4351239.242	2014-0001808	KEY OIL COMPANY	Ferrebee #6
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
503159.3416	4347475.248	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511105.0877	4344704.547	2014-0006416	KEY OIL COMPANY	Sheets/Reese #7
511264.6251	4347756.626	2014-0003972	KEY OIL COMPANY	Barker #1
503873.9782	4342202.106	2014-0007040	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
509034.6298	4351837.677	2014-0001800	KEY OIL COMPANY	Ferrebee #2
513522.1387	4344277.324	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507150.69	4358787.371	2014-0014711	WEST VIRGINIA OIL & GAS PRODUCERS, LLC	ROSCOE McCULLOUGH
496881.514	4343063.826	2014-0010366	TRIAD HUNTER, LLC	MOORE, G.W. # 1 (L.R.)
499403.3188	4340359.756	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
503002.6677	4339484.162	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
506969.8563	4345732.174	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504243.4992	4344390.959	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA

502959.6603	4345209.925	2014-0002632	EQT PRODUCTION COMPANY	Weston Production District PEN 13
509554.4531	4342671.638	2014-0008246	KEY OIL COMPANY	H Burgess #4
509767.5428	4344813.736	2014-0002098	KEY OIL COMPANY	Hudkins #3
506098.6595	4347184.901	2014-0002497	KEY OIL COMPANY	Hickman #8
497600.8553	4346754.298	2014-0013189	HARPER CROSBY HOLDINGS, LLC	Hiley #1
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
511293.4219	4341973.921	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
510941.8003	4344238.217	2014-0006462	KEY OIL COMPANY	Sheets Reese #8
505846.9358	4340182.915	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
506683.1717	4349560.279	2014-0006328	KEY OIL COMPANY	BH Hickman #2
510289.3501	4348243.577	2014-0006198	KEY OIL COMPANY	Doak #1
512381.8308	4343130.272	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
507907.913	4353377.707	2014-0010276	TRIAD HUNTER, LLC	LANTZ R #1
503724.5898	4351389.424	2014-0009170	PERKINS PRODUCTION COMPANY, LLC	Perkins Production Company Tanks
500811.503	4340987.451	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
503597.7188	4339895.908	2014-0013100	MURVIN & MEIER OIL CO.	R. Wilson #1
506924.44	4349760.247	2014-0002516	KEY OIL COMPANY	Hickman #5
509385.1786	4344131.542	2014-0008033	TRIAD HUNTER, LLC	DOTSON, H.O. # 1A
506854.532	4346885.892	2014-0006234	KEY OIL COMPANY	Broadwater
509789.4979	4354334.584	2014-0010304	TRIAD HUNTER, LLC	LANGON V #4
507226.5886	4349383.2	2014-0001817	KEY OIL COMPANY	Hickman #4
506046.5531	4347639.864	2014-0002388	KEY OIL COMPANY	Hickman #11
505409.2491	4355204.926	2014-0013228	PARDEE MINERALS, LLC	Gray 2
505010.228	4349670.002	2014-0000731	KEY OIL COMPANY	Boyce #4
508474.8978	4351282.163	2014-0001822	KEY OIL COMPANY	Ferrebee #8
508377.6289	4342378.423	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
509319.0299	4344680.017	2014-0006463	KEY OIL COMPANY	H O Dotson #2
506058.7351	4350834.005	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505527.4635	4352665.621	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
511315.2394	4345206.905	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
505679.236	4353401.51	2014-0006521	EXCO RESOURCES (PA), LLC	Clarksburg Office
505969.9437	4344276.895	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510107.9813	4341303.117	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
504054.5288	4349375.58	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511207.8806	4345226.282	2014-0002618	KEY OIL COMPANY	Sheets #6
511569.445	4345770.593	2014-0002140	KEY OIL COMPANY	Sheets #2
510711.7229	4348410.611	2014-0006196	KEY OIL COMPANY	Carder #2
508792.5317	4353700.601	2014-0010388	TRIAD HUNTER, LLC	HICKMAN D. #1
509292.1346	4352770.19	2014-0004146	KEY OIL COMPANY	Lantz #1
506421.5548	4353111.326	2014-0009199	ANTERO MIDSTREAM LLC	Annie Horizontal Well Pad
500672.8203	4350522.943	2014-0006127	KEY OIL COMPANY	Giebell #2
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
508486.571	4345063.379	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506591.0055	4345968.002	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
499387.1754	4341470.176	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
503729.6961	4344126.575	2014-0007737	HAYDEN HARPER ENERGY	Blaney #3 1845
504885.2132	4352531.687	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
507223.3371	4353822.284	2014-0006268	EXCO RESOURCES (PA), LLC	Clarksburg Office
502241.9547	4350756.288	2014-0006011	KEY OIL COMPANY	Maple #2
507090.4922	4345227.896	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512711.0288	4343581.807	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
503216.3519	4340773.111	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512497.6533	4342587.008	2014-0003339	KEY OIL COMPANY	S. Smith 2
507573.3552	4350866.847	2014-0010258	TRIAD HUNTER, LLC	THOMAS #1
505188.4395	4355921.692	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
498273.5064	4340431.836	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
504677.1357	4340426.052	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512711.0288	4343581.807	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
502397.4187	4349868.519	2014-0004808	KEY OIL COMPANY	Dulaney #1
501319.4655	4350545.221	2014-0004888	KEY OIL COMPANY	Noland #1
511169.371	4341985.729	2014-0006457	KEY OIL COMPANY	Mary Welch #1
509674.0876	4343637.275	2014-0006449	KEY OIL COMPANY	Britton #1
508991.5318	4344346.705	2014-0008243	KEY OIL COMPANY	H O Dotson #3
508775.3752	4344734.876	2014-0008242	KEY OIL COMPANY	H O Dotson #4
505258.3657	4349970.912	2014-0000398	KEY OIL COMPANY	Boyce #5
508744.3928	4349284.875	2014-0001793	KEY OIL COMPANY	Trio #1

503137.945	4350063.103	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
498433.9954	4339995.781	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
504949.1464	4347951.49	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
496894.5254	4340839.541	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
498923.4343	4343125.979	2014-0007349	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
498042.2382	4347029.396	2014-0007774	WVDOH-EQUIPMENT DIVISION	Pennsboro APD 50

ABOVE GROUND STORAGE TANKS

x	y	REF_ID	RESPONSIBL	FACILITY_N
IN ZCC				
500000.3053	4339895.081	2014-0001229	MURVIN & MEIER OIL CO.	Deem/lams #1
500504.9313	4342805.979	2014-0003499	PETRO-MARK, INC.	PETRO-MARK, INC.
500000.3053	4339895.081	2014-0002963	MURVIN & MEIER OIL CO.	F. McGill #2
501161.0245	4342793.952	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
496289.145	4342175.504	2014-0001277	TRIAD HUNTER, LLC	DEEM, F.A. # 2
500000.3053	4339897.411	2014-0015466	SANCHO OIL & GAS CORPORATION	Locke #1
500000.3053	4339896.968	2014-0015473	SANCHO OIL & GAS CORPORATION	Kelly #3
496176.3979	4340891.684	2014-0003112	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
496506.5239	4341116.921	2014-0001397	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
499821.7166	4341776.002	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
497713.5049	4346432.433	2014-0002923	HARPER CROSBY HOLDINGS, LLC	Hiley #2
497056.6243	4342842.362	2014-0001280	TRIAD HUNTER, LLC	KEITH# 2
496188.3032	4340875.809	2014-0001429	HUGHES RIVER WATER BOARD	Hughes River Water Board Tanks
500441.2335	4341357.635	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
498164.1066	4345498.894	2014-0002924	HARPER CROSBY HOLDINGS, LLC	Church #1
500957.0366	4339662.758	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
496979.0032	4342756.718	2014-0000789	TRIAD HUNTER, LLC	RIDDLE # 1
495873.08	4341117.118	2014-0001429	HUGHES RIVER WATER BOARD	Hughes River Water Board Tanks
497083.7135	4343970.641	2014-0002911	EXCO RESOURCES (PA), LLC	Clarksburg Office
501278.4048	4340649.594	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
497747.5338	4342083.504	2014-0015939	APPLIED MECHANICS CORP.	Applied Mechanics Corporation
496551.5672	4345380.252	2014-0001278	TRIAD HUNTER, LLC	MOORE, L. # 1
501397.3146	4342870.786	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
500000.3053	4339895.081	2014-0015466	SANCHO OIL & GAS CORPORATION	Locke #1
497262.8622	4344726.655	2014-0002922	HARPER CROSBY HOLDINGS, LLC	Jackson #1
500000.3053	4339895.081	2014-0015478	SANCHO OIL & GAS CORPORATION	McGill #1
497729.5282	4345466.715	2014-0002921	HARPER CROSBY HOLDINGS, LLC	Bialek #1
498405.3558	4340960.161	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
498856.0777	4341663.443	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
500000.3053	4339895.081	2014-0015473	SANCHO OIL & GAS CORPORATION	Kelly #3
496506.5239	4341116.921	2014-0001397	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
500000.3053	4339895.081	2014-0001228	MURVIN & MEIER OIL CO.	Deem/lams #2
496144.8092	4342130.962	2014-0001276	TRIAD HUNTER, LLC	DEEM, F.A. # 1
497087.9884	4343401.001	2014-0003837	ALLSTATE ENERGY CORP	ALLSTATE ENERGY CORP.
OUT ZCC				
506924.44	4349760.247	2014-0002516	KEY OIL COMPANY	Hickman #5
509082.2803	4352447.664	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505300.5679	4341906.305	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506179.9886	4346435.986	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
513642.1432	4343252.779	2014-0008979	HARPER CROSBY HOLDINGS, LLC	A Beaver #1
509406.6291	4345594.676	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
510937.7748	4347112.497	2014-0015197	HANNAN, GLEN	Antero Baker Unit
505367.963	4344821.682	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
504598.8843	4347085.993	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504040.3792	4342050.93	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503460.3938	4340396.566	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508026.9405	4350948.758	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
508377.6289	4342378.423	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
505619.5649	4354875.249	2014-0006266	EXCO RESOURCES (PA), LLC	Clarksburg Office
507840.9165	4356059.194	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
497423.7619	4343096.033	2014-0010959	TRIAD HUNTER, LLC	KERNS, H.J. # 1
509488.0614	4350995.344	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506372.0899	4343805.01	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505701.3677	4347883.752	2014-0002386	KEY OIL COMPANY	Hickman #14
503597.7188	4339895.908	2014-0012710	MURVIN & MEIER OIL CO.	Kiedaish #1
505403.9272	4343596.534	2014-0013587	HAYDEN HARPER ENERGY	Taylor H-1
508190.9167	4346517.073	2014-0010427	TRIAD HUNTER, LLC	DAUGHERTY #3
497993.0775	4347055.155	2014-0007774	WVDOH-EQUIPMENT DIVISION	Pennsboro APD 50
508812.8398	4355175.628	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508528.8134	4349674.831	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511181.0381	4341552.829	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
511619.4865	4342111.676	2014-0015830	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation
509319.0299	4344680.017	2014-0006463	KEY OIL COMPANY	H O Dotson #2
509457.1322	4350337.323	2014-0006975	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC

503733.3277	4351145.279	2014-0009170	PERKINS PRODUCTION COMPANY, LLC	Perkins Production Company Tanks
507907.913	4353377.707	2014-0010276	TRIAD HUNTER, LLC	LANTZ R #1
504948.6536	4342736.726	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506245.237	4341752.635	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503808.8945	4342388.734	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503140.3115	4347610.188	2014-0008801	PENNSBORO CITY OF	Pennsboro Tanks
510467.1646	4347489.172	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
512925.9348	4342521.784	2014-0012028	CHESAPEAKE APPALACHIA, L.L.C.	Chesapeake Appalachia, L.L.C
509307.0951	4354028.249	2014-0010430	TRIAD HUNTER, LLC	CYC #2
507603.2192	4356838.024	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
512469.2293	4344173.919	2014-0006421	KEY OIL COMPANY	Leggett #6
499894.1018	4339251.094	2014-0013795	CHARITY GAS, INC.	Charity Gas, Inc.
509613.4947	4353588.928	2014-0010299	TRIAD HUNTER, LLC	LANGON V #7
506539.3047	4352582.728	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512857.929	4343987.554	2014-0002655	CNX GAS COMPANY LLC	Doddridge County, WV - Tanks - 220
499773.4484	4341180.509	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
506340.0545	4340636.078	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
505551.7987	4340249.174	2014-0015049	HAYDEN HARPER ENERGY	Riggs #1 1928
512748.1769	4343557.009	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
502052.6002	4346246.15	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
503153.9296	4349341.76	2014-0013811	CHARITY GAS, INC.	Charity Gas, Inc.
505227.4117	4344687.306	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
509240.7463	4354527.681	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
504443.6339	4347970.828	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508298.1024	4355952.574	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
506625.5923	4354402.165	2014-0005976	EXCO RESOURCES (PA), LLC	Clarksburg Office
511736.1616	4342930.186	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506630.6675	4346400.732	2014-0001756	KEY OIL COMPANY	Broadwater #3
511604.4951	4344883.611	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
502176.6596	4341881.84	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502959.6603	4345209.925	2014-0002632	EQT PRODUCTION COMPANY	Weston Production District PEN 13
500679.0654	4349103.662	2014-0007647	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
508452.2813	4346372.639	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508478.6649	4347338.606	2014-0001544	CNX GAS COMPANY LLC	
508327.5999	4350116.412	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507954.9114	4351071.868	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507153.6525	4358375.644	2014-0014703	WEST VIRGINIA OIL & GAS PRODUCERS, LLC	JR MARSH TANK FIELD
503729.6961	4344126.575	2014-0007737	HAYDEN HARPER ENERGY	Blaney #3 1845
502619.2562	4342997.279	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511658.7974	4343359.214	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
511457.3057	4343524.048	2014-0002655	CNX GAS COMPANY LLC	Doddridge County, WV - Tanks - 220
510524.8935	4345358.17	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
502356.5811	4339454.532	2014-0003923	APPLIED MECHANICS CORP.	Applied Mechanics Corp
505085.0467	4340699.527	2014-0007938	HAYDEN HARPER ENERGY	Richards #2 1927
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
497214.56	4345257.692	2014-0009929	HARPER CROSBY HOLDINGS, LLC	Jackson #3
503236.7983	4339970.325	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
511620.5315	4346225.672	2014-0002606	KEY OIL COMPANY	Warden #2
505806.3196	4344768.727	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505493.695	4346513.711	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505188.4395	4355921.692	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
501730.2255	4338809.049	2014-0003837	ALLSTATE ENERGY CORP	ALLSTATE ENERGY CORP.
507945.7039	4354858.964	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507872.7277	4349983.101	2014-0002142	KEY OIL COMPANY	Sellers #1
513836.5112	4342803.224	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
503001.6684	4345908.424	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506360.3706	4342299.283	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509994.6739	4342627.798	2014-0008247	KEY OIL COMPANY	H Burgess #3
502777.0938	4340109.423	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
510111.5956	4347113.825	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506158.8201	4345822.16	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
507417.805	4346982.956	2014-0013173	HARPER CROSBY HOLDINGS, LLC	E Daugherty #1
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
503137.945	4350063.103	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
501284.9246	4350867.048	2014-0004926	KEY OIL COMPANY	Noland #6

508795.3923	4356509.009	2014-0013264	PARDEE MINERALS, LLC	Pierpont 2
503597.7188	4339895.908	2014-0013195	MURVIN & MEIER OIL CO.	R. Wilson #1 (2)
506725.833	4341068.649	2014-0006291	EXCO RESOURCES (PA), LLC	Clarksburg Office
508195.2456	4347323.987	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506098.6595	4347184.901	2014-0002497	KEY OIL COMPANY	Hickman #8
511534.6905	4344183.581	2014-0013654	BEELINE GAS INC.	Beeline Gas, Inc.
500280.5192	4340923.049	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
511883.2155	4343673.614	2014-0002631	KEY OIL COMPANY	Leggett #5
505935.698	4349142.291	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504880.5716	4350169.315	2014-0002379	KEY OIL COMPANY	M H Jones #1
512093.483	4341631.981	2014-0006212	KEY OIL COMPANY	Jackson #1
510524.4582	4343887.625	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
497970.9575	4346577.186	2014-0013187	HARPER CROSBY HOLDINGS, LLC	Hiley #3
505832.5905	4350255.754	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
509133.9312	4348014.637	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
508451.8265	4355700.93	2014-0010273	TRIAD HUNTER, LLC	RIDGEWAY C #3A
509112.071	4350632.777	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509140.2817	4353632.306	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507500.0431	4354658.207	2014-0006632	EXCO RESOURCES (PA), LLC	Clarksburg Office
507532.2057	4349195.495	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505098.9306	4346807.531	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506421.5548	4353111.326	2014-0009199	ANTERO MIDSTREAM LLC	Annie Horizontal Well Pad
505578.7274	4350649.425	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511008.8648	4347592.238	2014-0007441	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
509034.6298	4351837.677	2014-0001800	KEY OIL COMPANY	Ferrebee #2
504972.3402	4349857.195	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503555.9235	4341243.46	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502035.9734	4344503.268	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
503947.0679	4347188.511	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506905.9577	4347941.989	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505179.5335	4344672.737	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509934.609	4354141.667	2014-0010303	TRIAD HUNTER, LLC	LANGON V #5
508809.962	4352767.189	2014-0010290	TRIAD HUNTER, LLC	LANTZ R #5
496383.559	4343270.233	2014-0010863	TRIAD HUNTER, LLC	SHEARER M P # 4
513619.4134	4342032.892	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
508792.5317	4353700.601	2014-0010388	TRIAD HUNTER, LLC	HICKMAN D. #1
506650.1207	4353934.971	2014-0006252	EXCO RESOURCES (PA), LLC	Clarksburg Office
507969.305	4343978.488	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
513836.5112	4342803.224	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
510711.7229	4348410.611	2014-0006196	KEY OIL COMPANY	Carder #2
511736.1616	4342930.186	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
508986.5946	4348635.936	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
504516.5926	4353343.042	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
512720.2475	4341468.953	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
505229.1248	4344706.173	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
503158.0392	4342158.947	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
506725.3301	4350670.084	2014-0002539	KEY OIL COMPANY	Cunningham #1
508691.8351	4347928.237	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
513089.8296	4342988.933	2014-0012467	CHESAPEAKE APPALACHIA, L.L.C.	CHESAPEAKE APPALACHIA, L.L.C.
510995.5368	4342658.661	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
510519.2545	4346342.078	2014-0003823	R.L. & W.F. ZICKEFOOSE LLC	MAIN_SHOP
509373.5782	4349551.95	2014-0001753	KEY OIL COMPANY	L. Dotson #1
507676.4067	4342067.415	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511142.2639	4344713.256	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
498872.217	4347027.567	2014-0014494	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
506641.324	4352121.592	2014-0002530	KEY OIL COMPANY	Floyd Taylor #1
500500.4077	4350101.218	2014-0006054	KEY OIL COMPANY	Giebell #3
496896.1712	4340853.634	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
505706.621	4341987.825	2014-0007578	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
501932.7403	4339053.796	2014-0003929	APPLIED MECHANICS CORP.	Applied Mechanics Corportion
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
509695.1131	4347554.761	2014-0006046	KEY OIL COMPANY	O'Donnell #1
504296.8488	4345288.895	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504169.3972	4341441.965	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA

508008.2426	4350602.379	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508474.8978	4351282.163	2014-0001810	KEY OIL COMPANY	Ferrebee #8
502909.8141	4350008.746	2014-0014522	RAIN FOR RENT	Antero
505710.4691	4354297.122	2014-0006255	EXCO RESOURCES (PA), LLC	Clarksburg Office
503552.0631	4351622.395	2014-0004422	KEY OIL COMPANY	B Johnson #2
507399.573	4343189.889	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507235.3249	4342649.061	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508091.1466	4345314.764	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507153.3415	4346127.859	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505422.6881	4340683.663	2014-0002830	HMS RESOURCES, INC.	HMS Resources, Inc.
505010.228	4349670.002	2014-0000731	KEY OIL COMPANY	Boyce #4
507449.5318	4350704.035	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
506433.1646	4347916.393	2014-0014462	HALL DRILLING, LLC	Pennsboro Water Tanks
501860.1628	4349763.056	2014-0002143	BAKER, LEROY	TERM-Ritchie
496896.9515	4340861.957	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
506534.7694	4353057.152	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507836.7754	4346629.351	2014-0010428	TRIAD HUNTER, LLC	DAUGHERTY #2
508284.0413	4352402.828	2014-0001802	KEY OIL COMPANY	Ferrebee #3
507449.6131	4352423.515	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505527.4635	4352665.621	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
496904.2776	4340832.546	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
503915.1222	4342600.306	2014-0007038	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
503449.3179	4344367.818	2014-0007915	HAYDEN HARPER ENERGY	Ray Rex #4 1923
507486.5906	4355474.657	2014-0010275	TRIAD HUNTER, LLC	RIDGEWAY C #2
508141.284	4357030.449	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
509837.9282	4345927.138	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505222.706	4354289.011	2014-0006520	EXCO RESOURCES (PA), LLC	Clarksburg Office
508382.9962	4342282.989	2014-0015488	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
513378.3905	4342355.416	2014-0008213	KEY OIL COMPANY	Stella May #1
506673.6276	4351442.662	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505192.2054	4353503.27	2014-0006518	EXCO RESOURCES (PA), LLC	Clarksburg Office
500634.7469	4340520.784	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
508975.0006	4343714.124	2014-0008238	KEY OIL COMPANY	Flanagan #1
502328.3111	4350290.21	2014-0004719	KEY OIL COMPANY	Maple #3
512858.373	4343770.153	2014-0000420	ENERVEST OPERATING L. L. C.	ENERVEST OPERATING, LLC
503597.7188	4339895.908	2014-0013100	MURVIN & MEIER OIL CO.	R. Wilson #1
510947.7488	4345104.283	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
505196.2416	4344849.31	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
506469.9425	4347768.936	2014-0002108	KEY OIL COMPANY	Marsh #1
509311.5298	4350820.453	2014-0006992	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
503716.2438	4350812.34	2014-0009170	PERKINS PRODUCTION COMPANY, LLC	Perkins Production Company Tanks
508377.6289	4342378.423	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506703.9067	4344792.529	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512711.0288	4343581.807	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
509436.2478	4353770.937	2014-0010297	TRIAD HUNTER, LLC	LANGON V #8
500811.503	4340987.451	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
506171.247	4354644.833	2014-0006270	EXCO RESOURCES (PA), LLC	Clarksburg Office
502961.3842	4345214.364	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
497359.4074	4340875.104	2014-0008717	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
508421.6052	4344499.883	2014-0010528	TRIAD HUNTER, LLC	NUTTER, M.B. # 6
507502.3939	4349527.73	2014-0006335	KEY OIL COMPANY	B H Hickman #1
505056.8458	4345858.657	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
513500.5827	4342469.043	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
510939.7956	4345669.807	2014-0014204	MUTSCHELKNAUS, CLARENCE W	DOTSON 1
509880.9034	4343870.583	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
510994.1492	4348180.727	2014-0007445	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
512585.5569	4343740.189	2014-0010023	BEE LINE GAS INC.	Beeline Gas, Inc.
496978.2426	4340564.623	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
503478.056	4346877.443	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506405.6477	4344449.585	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
513836.5112	4342803.224	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
502545.9976	4349046.229	2014-0008801	PENNSBORO CITY OF	Pennsboro Tanks
512497.6533	4342587.008	2014-0003339	KEY OIL COMPANY	S. Smith 2
505229.1248	4344706.173	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
507102.2766	4354264.973	2014-0006253	EXCO RESOURCES (PA), LLC	Clarksburg Office
503598.1087	4342051.491	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA

504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
500196.6877	4348154.12	2014-0009002	HARPER CROSBY HOLDINGS, LLC	Geneva #1
507139.9263	4355686.188	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
497568.6251	4345193.207	2014-0009895	HARPER CROSBY HOLDINGS, LLC	Jackson #5
505741.1691	4357073.809	2014-0015116	POSTROCK EASTERN PRODUCTION LLC	Haught Family Trust P-2
509756.8441	4354672.471	2014-0010306	TRIAD HUNTER, LLC	LANGON V #3
507055.2988	4351134.37	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
501448.9474	4349724.016	2014-0004827	KEY OIL COMPANY	Noland #3
507231.324	4357100.132	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
506954.7917	4341718.499	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506659.1204	4347429.507	2014-0001754	KEY OIL COMPANY	Broadwater #1
511184.3515	4345028.044	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
506701.5043	4348295.16	2014-0001814	KEY OIL COMPANY	Hickman #1
508415.7718	4352785.286	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504463.5297	4341977.584	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510228.0268	4344227.595	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
510117.392	4347832.739	2014-0006055	KEY OIL COMPANY	W E Doak #1
504659.9388	4346100.893	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
498273.5064	4340431.836	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
498872.217	4347027.567	2014-0014494	SCHULTZ RUN GAS COMPANY	SHULTZ RUN GAS COMPANY
507703.3387	4344342.222	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502961.3842	4345214.364	2014-0002632	EQT PRODUCTION COMPANY	Weston Production District PEN 13
504286.4353	4348855.335	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
503002.6677	4339484.162	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
511169.371	4341985.729	2014-0006457	KEY OIL COMPANY	Mary Welch #1
506046.5531	4347639.864	2014-0002388	KEY OIL COMPANY	Hickman #11
506069.1275	4352103.37	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512748.597	4342187.9	2014-0006423	KEY OIL COMPANY	Sylvester Smith #3
505865.1208	4346780.768	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508749.189	4350159.933	2014-0010280	TRIAD HUNTER, LLC	QUINN M #1
504204.0344	4346052.581	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506494.0505	4351031.118	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512711.0288	4343581.807	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
499290.6144	4340858.71	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
511569.445	4345770.593	2014-0002140	KEY OIL COMPANY	Sheets #2
503159.3416	4347475.248	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506683.1717	4349560.279	2014-0006328	KEY OIL COMPANY	BH Hickman #2
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506969.8563	4345732.174	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507614.43	4346056.715	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503594.4712	4347517.94	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507989.1579	4353071.492	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
505679.236	4353401.51	2014-0006521	EXCO RESOURCES (PA), LLC	Clarksburg Office
507585.817	4354184.415	2014-0006245	EXCO RESOURCES (PA), LLC	Clarksburg Office
503660.3024	4342133.309	2014-0007039	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
503649.6488	4343692.067	2014-0007924	HAYDEN HARPER ENERGY	Ray Rex #1A 1920
511013.3957	4342418.313	2014-0006459	KEY OIL COMPANY	CE Ross #1
505649.9154	4347473.102	2014-0002480	KEY OIL COMPANY	Hickman #10
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
511120.7809	4346530.018	2014-0002735	DIVERSIFIED RESOURCES, INC.	Diversified Resources Tanks
505786.4689	4346173.781	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511536.2142	4344904.928	2014-0002620	KEY OIL COMPANY	Sheets #5
507163.3757	4355297.233	2014-0015468	BRAXTON OIL & GAS CORP.	Braxton Oil & Gas Corp.
499965.5464	4347729.633	2014-0003823	R.L. & W.F. ZICKEFOOSE LLC	MAIN_SHOP
509767.5428	4344813.736	2014-0002098	KEY OIL COMPANY	Hudkins #3
511105.0877	4344704.547	2014-0006416	KEY OIL COMPANY	Sheets/Reese #7
507953.2911	4347501.41	2014-0003579	EQUITRANS, L P	Tollgate Compressor Station
507694.156	4353736.616	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502779.232	4351079.293	2014-0011147	BFS PETROLEUM PRODUCTS INC	Ritchie Concrete
504549.8832	4344727.611	2014-0007045	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
508511.8647	4349007.175	2014-0001795	KEY OIL COMPANY	Trio #2
506038.6817	4353681.777	2014-0006249	EXCO RESOURCES (PA), LLC	Clarksburg Office
512252.5629	4343067.367	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
509433.574	4352135.014	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA

507570.0623	4353280.821	2014-0010293	TRIAD HUNTER, LLC	LANTZ R #2
503137.945	4350063.103	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506027.8403	4355106.388	2014-0006267	EXCO RESOURCES (PA), LLC	Clarksburg Office
508775.3752	4344734.876	2014-0008242	KEY OIL COMPANY	H O Dotson #4
506431.5651	4346821.721	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504463.92	4344468.21	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
512280.9211	4343309.561	2014-0000420	ENERVEST OPERATING L. L. C.	ENERVEST OPERATING, LLC
496881.514	4343063.826	2014-0010366	TRIAD HUNTER, LLC	MOORE, G.W. # 1 (L.R.)
503107.784	4352182.085	2014-0009170	PERKINS PRODUCTION COMPANY, LLC	Perkins Production Company Tanks
505969.9437	4344276.895	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
513836.5112	4342803.224	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
503597.7188	4339895.908	2014-0013061	MURVIN & MEIER OIL CO.	Langford #1
504454.65	4346500.62	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
496899.3632	4340848.306	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
505968.7891	4342511.603	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505501.878	4344570.97	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
509564.3674	4354221.662	2014-0010431	TRIAD HUNTER, LLC	CYC #1
506429.4524	4347920.607	2014-0014462	HALL DRILLING, LLC	Pennsboro Water Tanks
505365.8714	4341205.318	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508421.6052	4344499.883	2014-0002435	AMERICAN ENERGY-MARCELLUS, LLC	American Energy - Marcellus
509936.3626	4345452.95	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
513243.35	4342436.42	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
507827.1161	4345680.272	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503239.7474	4345145.337	2014-0006978	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
510922.215	4345902.832	2014-0006693	KEY OIL COMPANY	Hart #2
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
508454.3078	4351904.723	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503209.6556	4353273.81	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
508731.3215	4342538.281	2014-0002830	HMS RESOURCES, INC.	HMS Resources, Inc.
498923.4343	4343125.979	2014-0007349	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
512400.21	4341880.492	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
508377.6289	4342378.423	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506855.4605	4340218.136	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
509658.3765	4342034.654	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
507599.4202	4355346.032	2014-0013797	CHARITY GAS, INC.	Charity Gas, Inc.
506254.2278	4341195.435	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505228.2679	4344697.295	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
502155.2246	4341359.695	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507226.5886	4349383.2	2014-0001817	KEY OIL COMPANY	Hickman #4
509932.7141	4341737.472	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
510390.6839	4343382.95	2014-0006447	KEY OIL COMPANY	Harold Burgess #1
499387.1754	4341470.176	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
508084.7906	4355518.204	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
511996.183	4343500.886	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
509777.5974	4340981.645	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
509618.1772	4348183.349	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508121.558	4351490.424	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509354.6136	4351487.7	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506084.2674	4345396.841	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508884.7295	4354020.432	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
496143.1584	4344207.649	2014-0007815	WVDOH-EQUIPMENT DIVISION	Ritchie County HQ
506144.1886	4353223.744	2014-0013224	PARDEE MINERALS, LLC	Haymond C#1
500780.1809	4339115.521	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
507150.69	4358787.371	2014-0014711	WEST VIRGINIA OIL & GAS PRODUCERS, LLC	ROSCOE McCULLOUGH
510411.3842	4344751.866	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
509860.2497	4346696.676	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502327.2439	4339390.158	2014-0003926	APPLIED MECHANICS CORP.	Applied Mechanics Corp.
507002.2435	4353187.624	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
504054.5288	4349375.58	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510681.0354	4345625.058	2014-0001980	KEY OIL COMPANY	Hart #1
502381.519	4342623.438	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
501194.0986	4348878.442	2014-0013202	HARPER CROSBY HOLDINGS, LLC	Hayhurst #1
502252.5666	4339958.217	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
502806.2871	4346327.064	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507015.1272	4352088.294	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507096.2106	4343776.114	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA

510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
509301.7538	4350197.86	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512711.0288	4343581.807	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
504390.5106	4343048.678	2014-0015190	HAYDEN HARPER ENERGY	TAYLOR H-3
508478.6649	4347338.606	2014-0012044	BFS PETROLEUM PRODUCTS INC	A. Payne Trucking
506779.2982	4342726.336	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
498557.0318	4339568.171	2014-0003837	ALLSTATE ENERGY CORP	ALLSTATE ENERGY CORP.
505771.5039	4351242.96	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502252.5666	4339958.217	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
506923.0658	4354122.206	2014-0012930	GREENWOOD, JAMES C DBA C G & G	C G & G OIL COMPANY
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
505951.9296	4342663.516	2014-0007035	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
503529.5687	4344743.175	2014-0007913	HAYDEN HARPER ENERGY	Ray Rex #2 1921
507645.972	4342474.111	2014-0007396	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
507190.7931	4344522.402	2014-0012701	JESAM ENERGY	Field Office
507546.5289	4348473.494	2014-0002502	KEY OIL COMPANY	Hickman #7
506122.2466	4348344.957	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511647.0701	4341556.617	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
496894.5254	4340839.541	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
496903.333	4340845.308	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
503416.8226	4346062.851	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
497890.5331	4346158.716	2014-0013175	HARPER CROSBY HOLDINGS, LLC	Hiley #4
504163.2958	4340579.462	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507573.3552	4350866.847	2014-0010258	TRIAD HUNTER, LLC	THOMAS #1
501085.5311	4340134.529	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
501666.9326	4340830.779	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
513532.0232	4342904.012	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
506034.2769	4340635.836	2014-0002830	HMS RESOURCES, INC.	HMS Resources, Inc.
508984.1275	4343281.328	2014-0008236	KEY OIL COMPANY	Flanagan #3
512272.6088	4342997.262	2014-0002634	KEY OIL COMPANY	Leggett #4
508086.0061	4354181.367	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507532.2057	4349195.495	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508994.7699	4352986.691	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
496881.514	4343063.826	2014-0010366	TRIAD HUNTER, LLC	MOORE, G.W. # 1 (L.R.)
504949.1464	4347951.49	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506610.862	4353481.039	2014-0006250	EXCO RESOURCES (PA), LLC	Clarksburg Office
500184.1916	4340408.01	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
507891.8643	4342817.936	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict
510207.2094	4345102.836	2014-0002099	KEY OIL COMPANY	Hudkins #2
507223.3371	4353822.284	2014-0006268	EXCO RESOURCES (PA), LLC	Clarksburg Office
506212.1799	4354104.405	2014-0006254	EXCO RESOURCES (PA), LLC	Clarksburg Office
504678.4607	4341675.079	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510474.4726	4347892.36	2014-0007442	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
502397.4187	4349868.519	2014-0004808	KEY OIL COMPANY	Dulaney #1
511315.2394	4345206.905	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
505453.078	4342537.639	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
513896.5486	4342820.865	2014-0015488	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
498627.265	4342735.503	2014-0007350	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
507286.076	4341071.148	2014-0006363	KEY OIL COMPANY	J Langford #1
508853.2581	4352137.108	2014-0001797	KEY OIL COMPANY	Ferrebee #1
504439.0607	4353276.411	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
499403.3188	4340359.756	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
504839.2028	4345130.183	2014-0007364	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
512381.8308	4343130.272	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
513836.5112	4342803.224	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
501647.182	4350156.865	2014-0004774	KEY OIL COMPANY	Noland #2
506293.5678	4342940.445	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
503873.9782	4342202.106	2014-0007040	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
503733.3277	4351145.279	2014-0009170	PERKINS PRODUCTION COMPANY, LLC	Perkins Production Company Tanks
505475.2065	4344337.902	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
498791.7038	4341228.874	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
502052.6002	4346246.15	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict
508790.5009	4344481.645	2014-0008032	TRIAD HUNTER, LLC	DOTSON, H.O. # 1
510799.2866	4347456.332	2014-0004144	KEY OIL COMPANY	Barker #3

511264.6251	4347756.626	2014-0000425	RUBIN RESOURCES CO.	Rubin Resources Inc.
509789.4979	4354334.584	2014-0010304	TRIAD HUNTER, LLC	LANGON V #4
511736.1616	4342930.186	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506431.2653	4347918.5	2014-0014462	HALL DRILLING, LLC	Pennsboro Water Tanks
510199.5514	4355109.847	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
506890.3603	4349294.115	2014-0006323	KEY OIL COMPANY	BH Hickman #3
512416.5079	4341564.237	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
506968.6091	4350316.725	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508548.3259	4348550.324	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
508733.7341	4351564.22	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
501888.5069	4350578.631	2014-0006016	KEY OIL COMPANY	Maple #1
506725.3301	4350670.084	2014-0000425	RUBIN RESOURCES CO.	Rubin Resources Inc.
510557.1904	4347888.809	2014-0006160	KEY OIL COMPANY	Doak #2
508377.6289	4342378.423	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
510846.7919	4342561.571	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
505077.0604	4346347.742	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
501366.3608	4341219.245	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502117.3945	4340801.257	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
507311.8745	4350393.169	2014-0002537	KEY OIL COMPANY	Poole #1
504732.3541	4352865.967	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
500672.8203	4350522.943	2014-0006127	KEY OIL COMPANY	Giebell #2
509994.0213	4343138.286	2014-0006448	KEY OIL COMPANY	Harold Burgess #2
507822.2986	4344804.777	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
497391.6023	4345515.095	2014-0009894	HARPER CROSBY HOLDINGS, LLC	Jackson #6
508183.397	4349739.271	2014-0006185	KEY OIL COMPANY	D Kiger #1
509525.8211	4346263.675	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508474.8978	4351282.163	2014-0001822	KEY OIL COMPANY	Ferrebee #8
513083.116	4342049.622	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
500964.8439	4338664.096	2014-0003927	APPLIED MECHANICS CORP.	Applied Mechanics Corp.
511816.2184	4343637.334	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
506130.5295	4352837.754	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505883.7756	4341478.579	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511709.4269	4344472.379	2014-0002145	KEY OIL COMPANY	Ross #1`
510706.8248	4340904.18	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
507264.9528	4341135.827	2014-0007579	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
509979.9961	4355442.718	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508989.4207	4349626.185	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
513522.1387	4344277.324	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
513419.5069	4342839.341	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
507090.4922	4345227.896	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504243.4992	4344390.959	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509465.7416	4355669.913	2014-0013098	HARPER CROSBY HOLDINGS, LLC	J Been #1
506492.8364	4350314.761	2014-0001975	KEY OIL COMPANY	F. Garner #1
509643.5114	4350503.573	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507413.2642	4352938.749	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507159.179	4344276.229	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511199.9391	4343061.349	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
507633.0091	4343640.12	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
513125.78	4344501.819	2014-0000420	ENERVEST OPERATING L. L. C.	ENERVEST OPERATING, LLC
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
509128.0923	4345557.391	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505210.079	4339748.552	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict
502744.0269	4342326.253	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
497600.8553	4346754.298	2014-0013189	HARPER CROSBY HOLDINGS, LLC	Hiley #1
511903.0425	4341986.811	2014-0006208	KEY OIL COMPANY	Jackson #2
509664.7032	4344247.631	2014-0002617	KEY OIL COMPANY	H O Dotson #1
505291.3033	4351115.772	2014-0006789	EXCO RESOURCES (PA), LLC	Clarksburg Office
502725.4513	4348316.175	2014-0008478	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
513222.8289	4343750.896	2014-0008971	HARPER CROSBY HOLDINGS, LLC	A Beaver #2
502588.9647	4344297.571	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
507306.814	4353767.539	2014-0002728	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506854.7397	4342222.683	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503826.0748	4342555.65	2014-0007037	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
511892.5534	4342470.427	2014-0015830	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation
508486.571	4345063.379	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA

511120.7809	4346530.018	2014-0002735	DIVERSIFIED RESOURCES, INC.	Diversified Resources Tanks
507788.093	4346918.95	2014-0013204	HARPER CROSBY HOLDINGS, LLC	E Daugherty #4
508459.2736	4353921.299	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503764.3446	4340085.865	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510679.7758	4346546.16	2014-0002109	KEY OIL COMPANY	Gerta Mason #1
503840.3716	4345778.283	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509547.7121	4354591.752	2014-0010254	TRIAD HUNTER, LLC	VALENTINE #2
512280.9211	4343309.561	2014-0000420	ENERVEST OPERATING L. L. C.	ENERVEST OPERATING, LLC
507346.9066	4349816.122	2014-0002507	KEY OIL COMPANY	Hickman #6
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
508569.5958	4343547.205	2014-0008237	KEY OIL COMPANY	Flanagan #2
511264.6251	4347756.626	2014-0003972	KEY OIL COMPANY	Barker #1
500582.274	4349575.527	2014-0007639	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
501891.0649	4347137.248	2014-0002739	EQT PRODUCTION COMPANY	Weston ProductionDistrict
509263.1294	4343140.937	2014-0002830	HMS RESOURCES, INC.	HMS Resources, Inc.
505308.4783	4344747.288	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
505053.8511	4347286.475	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505800.5227	4343860.164	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508660.5492	4352412.226	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511293.4219	4341973.921	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
508963.65	4355985.828	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508744.3928	4349284.875	2014-0001793	KEY OIL COMPANY	Trio #1
500556.4071	4338627.656	2014-0007115	HARRISVILLE, TOWN OF	Pullman Tank
503216.3519	4340773.111	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508377.6289	4342378.423	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
509187.5811	4346032.217	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
506591.0055	4345968.002	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510289.3501	4348243.577	2014-0006198	KEY OIL COMPANY	Doak #1
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
502331.5501	4348395.285	2014-0011459	BFS PETROLEUM PRODUCTS INC	Barnes Trucking
510679.4491	4341417.515	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
503597.7188	4339895.908	2014-0012711	MURVIN & MEIER OIL CO.	Kiedaish #2
506453.1121	4340153.428	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
509889.4204	4343959.374	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
512230.6723	4342220.365	2014-0006422	KEY OIL COMPANY	Sylvester Smith #4
505116.1177	4343217.58	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508059.452	4343169.123	2014-0002830	HMS RESOURCES, INC.	HMS Resources, Inc.
510504.903	4346108.787	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
500049.3841	4347405.027	2014-0008801	PENNSBORO CITY OF	Pennsboro Tanks
505317.3031	4348259.692	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict
503447.0671	4352390.754	2014-0009170	PERKINS PRODUCTION COMPANY, LLC	Perkins Production Company Tanks
506854.532	4346885.892	2014-0006234	KEY OIL COMPANY	Broadwater
508040.3969	4355202.648	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
508132.494	4353898.09	2014-0010292	TRIAD HUNTER, LLC	LANTZ R #3
505409.2491	4355204.926	2014-0013228	PARDEE MINERALS, LLC	Gray 2
506904.8794	4354611.046	2014-0013733	CHARITY GAS, INC.	Charity Gas, Inc.
500862.5273	4350312.106	2014-0006407	KEY OIL COMPANY	Giebell #7
512695.4222	4343042.328	2014-0003342	KEY OIL COMPANY	S. Smith #1
505303.7278	4347676.39	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511918.3091	4343296.349	2014-0006691	KEY OIL COMPANY	Leggett #8
506058.7351	4350834.005	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505228.2708	4344692.856	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
501312.7747	4339039.241	2014-0014000	STOUT, MARILYN	Applied Mechanics Corp.
511437.6462	4346518.712	2014-0002735	DIVERSIFIED RESOURCES, INC.	Diversified Resources Tanks
506476.9461	4348683.389	2014-0001815	KEY OIL COMPANY	Hickman #2
507506.0165	4351318.68	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502249.7092	4347483.589	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
501488.1371	4339534.11	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
510196.1561	4340676.22	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
509918.8826	4353835.903	2014-0010301	TRIAD HUNTER, LLC	LANGON V #6
506873.5161	4346878.14	2014-0001755	KEY OIL COMPANY	Broadwater #2
502862.3834	4341786.622	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511457.0403	4346823.149	2014-0015468	BRAXTON OIL & GAS CORP.	Braxton Oil & Gas Corp.
511534.6807	4344190.24	2014-0013654	BEELINE GAS INC.	Beeline Gas, Inc.
501917.7491	4350171.242	2014-0007651	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
501595.3251	4350756.129	2014-0006404	KEY OIL COMPANY	Noland #7
506427.7643	4354986.852	2014-0005981	EXCO RESOURCES (PA), LLC	Clarksburg Office

507153.6525	4358375.644	2014-0014703	WEST VIRGINIA OIL & GAS PRODUCERS, LLC	JR MARSH TANK FIELD
505104.4738	4343868.001	2014-0003823	R.L. & W.F. ZICKEFOOSE LLC	MAIN_SHOP
510733.4708	4345136.834	2014-0003384	KEY OIL COMPANY	Hudkins #1
512711.0288	4343581.807	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
509733.6417	4351239.242	2014-0001808	KEY OIL COMPANY	Ferrebee #6
510624.8973	4342495.458	2014-0006458	KEY OIL COMPANY	CE Ross #2
509661.1873	4353980.405	2014-0010307	TRIAD HUNTER, LLC	LANGON V #2
512041.1016	4343248.373	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
507119.4039	4350608.841	2014-0010412	TRIAD HUNTER, LLC	DOTSON C #1
505366.3178	4352230.145	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
500425.9675	4339533.98	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
511180.7262	4346114.053	2014-0002607	KEY OIL COMPANY	Warden #1
504180.0853	4347600.909	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508492.1781	4357728.877	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
502065.0877	4344694.265	2014-0014249	HAYDEN HARPER ENERGY	J WILSON #2 1968
507100.788	4354858.036	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502705.5264	4340596.689	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
511647.7025	4345360.096	2014-0002141	KEY OIL COMPANY	Sheets #1
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
511040.1163	4343909.977	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504020.561	4344837.408	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508283.8409	4345768.526	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
498040.2545	4347030.395	2014-0007774	WVDOH-EQUIPMENT DIVISION	Pennsboro APD 50
511835.1531	4342929.669	2014-0002655	CNX GAS COMPANY LLC	Doddridge County, WV - Tanks - 220
507356.4605	4348828.438	2014-0002493	KEY OIL COMPANY	Hickman #9
510111.5956	4347113.825	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
504159.6036	4345894.528	2014-0015560	STRAD ENERGY SERVICES	EQT Penn 15
511373.4412	4344105.662	2014-0002623	KEY OIL COMPANY	Ross #2
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
504885.2132	4352531.687	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
503285.5393	4347864.384	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510467.2233	4344226.469	2014-0008234	KEY OIL COMPANY	Britton #2
505419.6203	4345108.147	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508403.9221	4355459.502	2014-0010274	TRIAD HUNTER, LLC	RIDGEWAY C #3
510509.6218	4344781.406	2014-0002095	KEY OIL COMPANY	Hudkins #5
502637.8783	4339726.843	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
509370.3709	4354800.73	2014-0010256	TRIAD HUNTER, LLC	VALENTINE #1
509463.4703	4345321.189	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
500000.3053	4339196.716	2014-0013810	CHARITY GAS, INC.	Charity Gas, Inc.
498308.925	4342532.48	2014-0013186	HARPER CROSBY HOLDINGS, LLC	Hileman #2
506123.3089	4348749.689	2014-0002387	KEY OIL COMPANY	Hickman #12
503137.945	4350063.103	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
509036.8695	4342449.071	2014-0008159	KEY OIL COMPANY	EAC #2
508991.5318	4344346.705	2014-0008243	KEY OIL COMPANY	H O Dotson #3
508327.6149	4354620.538	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
504257.3412	4340043.947	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503873.3753	4343419.174	2014-0002113	KEY OIL COMPANY	E R Taylor #2
505511.6967	4353874.154	2014-0006519	EXCO RESOURCES (PA), LLC	Clarksburg Office
498433.9954	4339995.781	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
504744.5233	4343048.885	2014-0013600	HAYDEN HARPER ENERGY	TAYLOR H-4
503123.161	4344123.645	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
504166.3555	4345851.916	2014-0002619	EQT PRODUCTION COMPANY	Weston Product District PEN 15
503956.1679	4346592.684	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510778.5405	4341859.445	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
503716.2438	4350812.34	2014-0009170	PERKINS PRODUCTION COMPANY, LLC	Perkins Production Company Tanks
506722.3053	4344066.873	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512711.0288	4343581.807	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
501701.2211	4346306.548	2014-0005664	SPENCER ENTERPRISES, LLC	Spencer Enterprises LLC
496593.7252	4343329.067	2014-0010860	TRIAD HUNTER, LLC	SHEARER M P # 3
505801.4241	4341947.278	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506400.6948	4355420.753	2014-0005978	EXCO RESOURCES (PA), LLC	Clarksburg Office
507394.5439	4344674.186	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
513147.3978	4342114.096	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
509538.1502	4357120.818	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505774.3265	4342992.092	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508630.2379	4343100.594	2014-0002830	HMS RESOURCES, INC.	HMS Resources, Inc.

503523.0107	4339570.828	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
504866.8907	4341122.426	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509718.3368	4341362.328	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
513327.1665	4342177.434	2014-0004318	DOMINION TRANSMISSION INC	New Oxford Compressor Station
504248.1114	4344636.773	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
506959.6143	4348994.539	2014-0001816	KEY OIL COMPANY	Hickman #3
507212.0422	4351685.182	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
501793.6954	4339925.472	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
510107.9813	4341303.117	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
503052.0989	4344901.447	2014-0002740	EQT PRODUCTION COMPANY	Weston Production District
496230.9651	4344311.591	2014-0007815	WVDOH-EQUIPMENT DIVISION	Ritchie County HQ
495531.8553	4342046.724	2014-0015945	APPLIED MECHANICS CORP.	Applied Mechanics Corporation
500888.4382	4349923.69	2014-0004927	KEY OIL COMPANY	Giebell #6
506604.66	4343081.419	2014-0007577	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
510161.3244	4342103.32	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
500313.5699	4339067.214	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
496538.9531	4340857.446	2014-0006122	RITCHIE CNTY BD OF ED	Ritchie co bus garage
503290.529	4346461.867	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508349.4565	4354985.679	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
509854.9628	4353540.954	2014-0010308	TRIAD HUNTER, LLC	LANGON V #1
502481.3552	4349479.35	2014-0007652	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
510954.0487	4347133.051	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
507535.4222	4345146.967	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506601.1334	4345314.917	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508034.6243	4351858.778	2014-0001809	KEY OIL COMPANY	Ferrebee #7
507900.6931	4352337.73	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509585.8447	4345224.123	2014-0002100	KEY OIL COMPANY	Gale Smith #1
511113.9587	4348049.944	2014-0007510	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
500000.3053	4339895.081	2014-0012494	BRUCETON PETROLEUM CO., INC.	Marion Docks
504393.4548	4345640.299	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511989.1496	4344991.506	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505010.228	4349670.002	2014-0000731	KEY OIL COMPANY	Boyce #4
502241.9547	4350756.288	2014-0006011	KEY OIL COMPANY	Maple #2
507124.066	4345499.152	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
507591.6992	4351949.89	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503103.8006	4351577.813	2014-0004421	KEY OIL COMPANY	B Johnson #1
506929.0498	4343298.768	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508050.9075	4346268.23	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506065.9916	4350372.125	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
506975.8707	4352608.187	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508556.1834	4344289.841	2014-0010518	TRIAD HUNTER, LLC	NUTTER, M.B. # 8
498042.2382	4347029.396	2014-0007774	WVDOH-EQUIPMENT DIVISION	Pennsboro APD 50
505877.7292	4349968.358	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
507486.5906	4355474.657	2014-0010275	TRIAD HUNTER, LLC	RIDGEWAY C #2
511138.2249	4345670.087	2014-0003425	KEY OIL COMPANY	Sheets #4
511231.003	4347146.206	2014-0004046	KEY OIL COMPANY	Barker #2
501724.9583	4349366.505	2014-0013213	HARPER CROSBY HOLDINGS, LLC	Hazel Baker #2
503987.3965	4343885.33	2014-0007914	HAYDEN HARPER ENERGY	Ray Rex #3 1922
504871.9284	4350202.603	2014-0002593	KEY OIL COMPANY	Dotson Heirs #1
510111.5956	4347113.825	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
509428.0456	4355918.68	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
500554.4927	4340054.017	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
501667.0253	4340395.867	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
513693.1747	4342694.881	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
511491.3751	4341715.969	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
506572.0038	4343635.05	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510844.3913	4345348.619	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
500991.0093	4338655.332	2014-0007625	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
510138.9775	4344492.379	2014-0002097	KEY OIL COMPANY	Hudkins #4
502225.9529	4344887.518	2014-0007767	HAYDEN HARPER ENERGY	J Wilson #1 1967
503697.701	4340801.512	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
505258.3657	4349970.912	2014-0000398	KEY OIL COMPANY	Boyce #5
505248.2403	4353227.529	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
504074.5337	4348221.545	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504567.7496	4342502.78	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510352.3889	4347142.883	2014-0015488	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia

511736.1616	4342930.186	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
504312.0777	4340827.794	2014-0015631	BRAXTON OIL & GAS CORP.	Braxton Oil & Gas Corp.
511736.1616	4342930.186	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
505458.7291	4349514.935	2014-0001632	KEY OIL COMPANY	Boyce #1
509151.0044	4356755.124	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
502565.3278	4341121.666	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508141.284	4357030.449	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
507619.9699	4355655.348	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
504960.4569	4342224.914	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506011.6497	4343342.399	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508377.6289	4342378.423	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
505699.8216	4345629.601	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
498030.7099	4339958.363	2014-0002845	KIEDAISCH AND SUMMERS ENTERPRISES	Kiedaisch and Summers Enterprises, LLC
513498.9701	4342503.221	2014-0014538	EXTREME PLASTICS PLUS, INC.	NOBLE OXFORD 1
506164.829	4357308.297	2014-0015117	POSTROCK EASTERN PRODUCTION LLC	Haight Family Trust P-1
497359.4074	4340875.104	2014-0008717	SCHULTZ RUN GAS COMPANY	SCHULTZ RUN GAS COMPANY
505229.1277	4344701.734	2014-0002621	EQT PRODUCTION COMPANY	Weston Production District PEN 16
502415.8118	4338614.914	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503724.5898	4351389.424	2014-0009170	PERKINS PRODUCTION COMPANY, LLC	Perkins Production Company Tanks
509554.4531	4342671.638	2014-0008246	KEY OIL COMPANY	H Burgess #4
502033.5215	4346630.123	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
510903.7177	4348028.229	2014-0007443	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
508295.7337	4349270.845	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
510941.8003	4344238.217	2014-0006462	KEY OIL COMPANY	Sheets Reese #8
510990.5703	4341156.599	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
505082.0939	4343515.861	2014-0013585	HAYDEN HARPER ENERGY	TAYLOR H-5
504653.6587	4347518.944	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509292.1346	4352770.19	2014-0004146	KEY OIL COMPANY	Lantz #1
502306.1248	4338392.155	2014-0003823	R.L. & W.F. ZICKEFOOSE LLC	MAIN_SHOP
504522.1963	4343665.889	2014-0006324	KEY OIL COMPANY	ER Taylor #1
509385.1786	4344131.542	2014-0008033	TRIAD HUNTER, LLC	DOTSON, H.O. # 1A
506273.1146	4344982.273	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503489.5035	4342682.892	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
507944.5623	4357834.727	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
507443.1242	4341680.884	2014-0009797	D. G. HANEY, INC.	Weekley B1
497345.2332	4342859.793	2014-0003837	ALLSTATE ENERGY CORP	ALLSTATE ENERGY CORP.
512004.0388	4344060.994	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
501319.4655	4350545.221	2014-0004888	KEY OIL COMPANY	Noland #1
508755.7436	4356984.394	2014-0013265	PARDEE MINERALS, LLC	Pierpont 1
510735.9046	4342422.255	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
505508.4568	4347110.108	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508298.1024	4355952.574	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
508980.9813	4351114.155	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506595.4596	4341403.794	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512156.4192	4344456.082	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
507341.5821	4350800.705	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504677.1357	4340426.052	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509160.7607	4349184.696	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508196.3657	4344447.707	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511316.4035	4344820.154	2014-0001534	WACO OIL & GAS CO INC	Waco Oil & Gas Co., Inc./wells
502958.7992	4345205.485	2014-0002632	EQT PRODUCTION COMPANY	Weston Production District PEN 13
506882.0278	4353847.944	2014-0001535	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
506062.18	4351615.065	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
512263.1151	4343602.621	2014-0002635	ABARTA OIL & GAS CO., INC.	ABARTA Oil & Gas Co., Inc.
512726.0493	4342306.385	2014-0007506	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
503002.6677	4339484.162	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
505846.9358	4340182.915	2014-0002741	EQT PRODUCTION COMPANY	Weston Production District
503788.8018	4346268.44	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
496400.9712	4344350.019	2014-0006549	EXCO RESOURCES (PA), LLC	Clarksburg Office
506421.5548	4353111.326	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
502708.6989	4347631.112	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
504760.3403	4343435.201	2014-0013827	HAYDEN HARPER ENERGY	Taylor H-2
509674.0876	4343637.275	2014-0006449	KEY OIL COMPANY	Britton #1
501888.5069	4350578.631	2014-0000425	RUBIN RESOURCES CO.	Rubin Resources Inc.
507801.6217	4349607.816	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508535.5894	4353330.094	2014-0015468	BRAXTON OIL & GAS CORP.	Braxton Oil & Gas Corp.
504390.5106	4343048.678	2014-0015191	HAYDEN HARPER ENERGY	TAYLOR H-3

503236.7983	4339970.325	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
513500.5827	4342469.043	2014-0002636	ALLIANCE PETROLEUM CORPORATION	Alliance Petroleum Corporation Buckhannon Office
502201.8402	4339203.906	2014-0003837	ALLSTATE ENERGY CORP	ALLSTATE ENERGY CORP.
507709.2402	4350247.95	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
508786.1471	4350494.57	2014-0001976	KEY OIL COMPANY	L. Garner #1
508474.6443	4350960.107	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
509820.3988	4350806.54	2014-0001805	KEY OIL COMPANY	Ferrebee #4
504422.0936	4352799.198	2014-0001220	PERKINS OIL & GAS, INC.	Perkins Oil and Gas Tanks
499333.3297	4339654.96	2014-0003823	R.L. & W.F. ZICKEFOOSE LLC	MAIN_SHOP
504908.0366	4340345.292	2014-0007931	HAYDEN HARPER ENERGY	Richards #1 1926
509244.4837	4342049.802	2014-0008166	KEY OIL COMPANY	EAEC #1
507395.2709	4345546.902	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503033.4634	4342674.157	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
506765.5703	4350399.335	2014-0010197	TRIAD HUNTER, LLC	DOTSON G #1
508825.2198	4347812.86	2014-0007479	RITCHIE PETROLEUM CORP.	Ritchie Petroleum Corp
513836.5112	4342803.224	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
503354.1271	4345609.265	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
503523.0107	4339570.828	2014-0002407	CNX GAS COMPANY LLC	Ritchie County, WV Tanks
508973.5404	4345135.835	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511207.8806	4345226.282	2014-0002618	KEY OIL COMPANY	Sheets #6
508387.1765	4344259.028	2014-0010530	TRIAD HUNTER, LLC	NUTTER, M.B. # 4
510111.5956	4347113.825	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
505369.4103	4351494.702	2014-0015162	MICHELS, JOSEPH ROBERT	ARLIE TAYLOR TANK FIELD
503137.945	4350063.103	2014-0002405	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
510027.5026	4343948.453	2014-0003482	KEY OIL COMPANY	King #1
507501.9057	4346536.024	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
511736.1616	4342930.186	2014-0002729	ANTERO RESOURCES CORPORATION	Antero Resources Corporation - West Virginia
509022.6287	4350288.978	2014-0010278	TRIAD HUNTER, LLC	QUINN M #2
510937.7748	4347112.497	2014-0014590	HANNAN, GLEN	Antero Baker Unit
508174.821	4353558.765	2014-0007567	ENERGY CORPORATION OF AMERICA	ENERGY CORPORATION OF AMERICA
500199.4276	4342162.196	2014-0002745	STALNAKER ENERGY CORPORATION	STALNAKER ENERGY CORPORATION
500212.3608	4349023.178	2014-0007644	MOUNTAIN STATE OIL COMPANY LLC	Mountain State Oil Co., LLC
507190.7931	4344522.402	2014-0012701	JESAM ENERGY	Field Office
502052.6002	4346246.15	2014-0002741	EQT PRODUCTION COMPANY	Weston ProductionDistrict

OIL AND GAS WELLS

OBJECTID	x	y	PERMITID	ISSUE_DATE	COMPLETE_D	RESP_PARTY	WELL_STATU	FARM_NAME
1	504755.5	4346770.5	8503985	6/24/1989	NA	EQUITRANS, L P	PL	COTTRILL, RAY & VIRGINIA
2	505839	4343854.6	8507685	10/17/1987	NA	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
3	510734.6	4345617	1704241	2/11/1996	2/11/1996	KEY OIL COMPANY	AC	HART, DENZEL L.
4	505444.1	4350590.2	8503417	8/1/1971	NA	NORTH HILLS INVESTMENT CO	AC	BOATRIGHT, V.
5	500176.5	4348501.2	8501220	5/10/1948	NA	CRESTON OIL CORPORATION	PL	LOFTUS, MARY
6	500176.5	4348501.2	8501220	1/26/1948	NA	CRESTON OIL CORPORATION	PL	LOFTUS, MARY
7	510254.8	4342664.7	1701338	5/18/1966	NA	OPERATOR UNKNOWN	PL	LEGGETT, RALPH
8	510254.8	4342664.7	1701338	12/21/1965	NA	OPERATOR UNKNOWN	PL	LEGGETT, RALPH
9	502050.2	4344513	8504802	6/26/1980	NA	ABARTA OIL & GAS COMPANY	AC	WEEKLEY, DALE
10	512717	4343580	1706193	3/27/2013	NA	ANTERO RESOURCES APPALACHIAN CORP	NAVL	PRIMM, OLIN E. AND MARY
11	503157.7	4347462.3	8508077	8/3/1993	8/3/1993	ENERGY CORPORATION OF AMERICA	AC	OGDEN, VIOLET
12	509643.3	4344212.8	1704303	11/7/1996	11/7/1996	KEY OIL COMPANY	AC	WESTVACO
13	508631.5	4343100.3	8504482	1/9/1980	NA	MOUNTAIN V OIL & GAS, INC.	AC	ANDERSON
14	511214.4	4343071.5	1702532	12/29/1979	NA	OHIO L & M COMPANY INC	AC	WILSON
15	509259.2	4357268.6	8501300	1/15/1950	NA	OPERATOR UNKNOWN	PL	HESS, E. E.
16	512711	4343573	1706561	9/3/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	PRIMM, OLIN E. & MARY
17	507085.1	4352620.4	8505588	6/22/1982	NA	ENERGY CORPORATION OF AMERICA	AC	HICKMAN, CHANDOS
18	512338.7	4344346.7	1702478	9/5/1979	NA	ABARTA OIL & GAS COMPANY	AC	JONES, THURMAN
19	513814	4342778	1706465	3/12/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	HORTON, JUDY A.
20	508421.3	4344500.7	8500614	10/26/1937	NA	NIGHT OWL WELL SERVICE	AC	NUTTER, M. B.
21	508809.3	4358125.9	8501347	12/22/1950	NA	OPERATOR UNKNOWN	PL	HOSKINS, WILSON
22	508809.3	4358125.9	8501347	11/24/1950	NA	OPERATOR UNKNOWN	PL	HOSKINS, WILSON
23	509127.2	4356731.1	8506695	NA	NA	ENERGY CORPORATION OF AMERICA	AC	BURG, JACK A.
24	504795.7	4340680.9	8509141	1/27/2005	3/15/2005	GASSEARCH CORPORATION	AC	RICHARDS, TERRY LEE
25	498162.4	4345496.7	8507413	9/17/1985	NA	RARE EARTH MINERALS, INC.	AC	CHURCH, THOMAS N.
26	506710.7	4357630.7	8509340	5/8/2006	NA	PETROEDGE RESOURCES (WV), LLC	ND	CINQMARS, TERESA
27	507267.88	4341052.68	8509554	4/5/2007	8/25/2008	KEY OIL COMPANY	AC	LANGFORD, JACK
28	501536.8	4338632.7	8505124	6/25/1981	NA	APPLIED MECHANICS CORP.	AC	RICHARDS, A. K.
29	508292	4351051	8503929	7/5/2006	12/20/2006	EQT PRODUCTION COMPANY	PL	ALBERT, ANDREW
30	510495.4	4344246.2	1704462	10/20/1998	10/20/1998	KEY OIL COMPANY	AC	ADAMS, RANDALL & ADAMS, ED
31	504860.6	4339874.3	8509244	11/4/2005	7/13/2007	GASSEARCH CORPORATION	AC	RIGGS, DUANE
32	499097.7	4341726.4	8504596	4/23/1959	NA	LAIRD, ROBERT L.	AB	LAIRD, C. A.
33	505089.6	4353053.7	8503583	3/23/2005	4/2/2005	PERKINS OIL & GAS INC	AC	DAVIS, LEWIS & NORMA
34	505089.6	4353053.7	8503583	6/1/1975	NA	RITCHIE PETROLEUM CORP.	AC	DAVIS, LEWIS & NORMA

35	497530.38	4344695.04	8506956	NA	NA	CHESTERFIELD ENERGY CORP	ND	SHEPPARD, P. G. & NELLIE
36	506924.8	4354434.2	8501015	2/24/1989	NA	PERKINS OIL & GAS INC	PL	LOCOCO, ALTA JO
37	511487.1	4343539	1703420	4/16/1985	10/30/1995	CNG PRODUCING COMPANY	AC	WILLIAMS, ROBERT C
38	497754.41	4345885.29	8506456	NA	NA	HIGHLAND RESOURCES, INC.	ND	MURPHY, GEORGE
39	496748.4	4345029.37	8505737	8/3/1982	NA	VENTURE PETROLEUM, INC.	AB	JACKSON, ROBERT P., ETAL
40	504171.2	4345867.45	8509932	11/21/2011	8/9/2012	EQT PRODUCTION COMPANY	AC	BRITTON, DEWAYNE, ET UX
41	513151	4342083.7	1702489	11/13/1919	NA	OHIO L & M COMPANY INC	AC	CUNNINGHAM
42	509885.6	4354783.2	8507443	10/8/1985	NA	ENERVEST OPERATING L. L. C.	AC	ROWE, KEITH, ETAL
43	507198.3	4355746.6	8504835	9/20/1980	NA	ABARTA OIL & GAS COMPANY	AC	McCULLOUGH, BEN
44	508646.1	4355570.9	8507285	6/17/1985	NA	ENERVEST OPERATING L. L. C.	AC	TOOTHMAN, MICHAEL A.
45	507125.5	4343743.1	8507764	3/31/1988	6/17/1988	ENERGY CORPORATION OF AMERICA	AC	LAMM, RANDALL
46	507125.5	4343743.1	8507764	5/11/2000	5/17/2000	ENERGY CORPORATION OF AMERICA	AC	LAMM, RANDALL
47	496442.8	4345336.6	8500781	1/26/1940	NA	OPERATOR UNKNOWN	PL	MCMULLEN, HARTIN - HEIRS
48	501544.9	4343136.7	8502406	8/13/1961	NA	OPERATOR UNKNOWN	AB	WILSON, EARL
49	506755.4	4344016.4	8507762	2/22/2000	3/1/2000	ENERGY CORPORATION OF AMERICA	AC	LAMM, RANDAL
50	506755.4	4344016.4	8507762	6/17/1988	6/17/1988	ENERGY CORPORATION OF AMERICA	AC	LAMM, RANDAL
51	501369.6	4344908.9	8501160	4/26/1947	NA	OPERATOR UNKNOWN	AB	WILSON, C. A.
52	509553.69	4342672.24	8508545	8/21/1998	8/21/1998	KEY OIL COMPANY	AC	BRITTON, WILLIAM
53	500414.1	4339153.9	8501442	1/24/1953	NA	APPLIED MECHANICS CORP.	AC	DOTSON, RUBY
54	510525.7	4345294.4	1703224	6/19/1983	NA	W VA JOINT VENTURE	AB	PHILLIPS, ROBERT E.
55	503802.2	4351159.1	8502328	7/12/1961	NA	OPERATOR UNKNOWN	AC	HEFLIN, MABLE
56	504480.8	4348445.5	8507015	9/5/1984	NA	ENERVEST OPERATING L. L. C.	AC	HENDERSHOT, J., ETAL
57	499821.5	4341774.6	8508968	7/21/2003	1/20/2004	STALNAKER ENERGY CORPORATION	AC	HOTHAM FAMILY PROP.
58	510970	4347125	1706408	1/28/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	HOLLAND, ROBERT L., JR.
59	505238	4344706.16	8509951	6/12/2012	6/14/2013	EQT PRODUCTION COMPANY	NAVL	HEARTWOOD FOREST FUND IV
60	502266.59	4344764.55	8506234	NA	NA	PRIOR, FERRELL L	ND	WILSON, JOSEPH E.
61	505988.6	4359075.3	8500794	4/26/1940	NA	OPERATOR UNKNOWN	PL	PERKINS, A. M. & ETHEL
62	513693	4342273	1701060	12/30/1963	NA	PHILLIP LEMON OIL AND GAS	PL	COX, STELLA
63	513693	4342273	1701060	12/14/1963	NA	PHILLIP LEMON OIL AND GAS	PL	COX, STELLA
64	507893.3	4352331.3	8505678	7/15/1982	NA	ENERGY CORPORATION OF AMERICA	AC	HICKMAN
65	503282.7	4349353.4	8502324	NA	NA	PHILLIP LEMON OIL AND GAS	AC	TALKINGTON, EVERETT D.
66	504281.3	4340084.7	8507864	8/17/1989	NA	ENERGY CORPORATION OF AMERICA	AC	RIGGS, WANEMA
67	496910.94	4344651.3	8507519	6/30/1986	NA	VENTURE PETROLEUM, INC.	AB	EPPERLY, PAUL D.
68	506432	4353115	8510144	11/13/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	LANDRUM, EDDY F.
69	501625.59	4341564.03	8508170	NA	NA	ENERGY CORPORATION OF AMERICA	ND	DODD, MAX D.
70	512277.2	4342203.3	1704369	9/3/1997	9/3/1997	KEY OIL COMPANY	AC	PRIMM, OLIN

71	502368	4349895.3	8509307	4/4/2006	11/7/2006	KEY OIL COMPANY	AC	DULANEY, ROBERT & SHIRLEY
72	498394.99	4340988.57	8506929	5/21/1996	NA	FRANKLIN CONSTRUCTION INC	AC	WEDEKAMM, EDWARD
73	511513.1	4341895.9	1702840	12/10/1980	NA	W VA JOINT VENTURE	AC	INGRAM, LEROY
74	505864.2	4350026.1	8507680	9/23/1987	NA	DOMINION EXPLORATION & PRODUCTION	AC	GARNER, BERTHA H.
75	511853	4343159	1706622	11/14/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	WILLIAMS, ROBERT
76	500812.8	4341148.6	8504321	8/22/1979	NA	DEEM, J. F. OIL & GAS, LLC	AC	ELDER, CORA
77	507119.1	4350607.1	8508032	8/24/1992	8/24/1992	APPALACHIAN ENERGY DEV INC	AC	WELLS, SAMP JR.
78	498017.2	4344755.8	8508374	9/19/1994	10/1/1994	CHARITY GAS, INC.	AC	JACKSON, D.
79	507731.17	4344323.18	8507354	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	NUTTER, WANDA
80	506119	4347564	8504245	7/29/1960	6/27/1915	CARNEGIE PRODUCTION CO	PL	GILLWATER, LOUIS ANN
81	497666.6	4343272.8	8506666	10/5/1983	NA	SUGAR ROCK INCORPORATED	AC	SHEPPARD, P.G. & NELLIE
82	506074.37	4340249.87	8507590	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	HARDBARGER, DENNIS
83	506015.6	4344257.4	8507686	10/22/1987	NA	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
84	497042.71	4343096.25	8507830	1/21/1989	NA	PERKINS OIL & GAS INC	PL	KEITH, ROBERT M. II
85	497042.71	4343096.25	8507830	1/21/1989	NA	PERKINS OIL & GAS INC	PL	KEITH, ROBERT M. II
86	507075.7	4345274.5	8507793	8/11/1988	NA	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
87	499361.2	4340565.2	8504533	2/18/1980	NA	SANCHO OIL & GAS CORPORATION	ABODR	RYMER, ROBT. & LUCILLE
88	498886	4339954.5	8503338	11/14/1969	NA	ALLSTATE ENERGY CORP	AC	WELLINGS, J. E.
89	504357.3	4346379.4	8503350	2/1/1970	NA	OPERATOR UNKNOWN	PL	TAYLOR, E. R.
90	501004.2	4338894.6	8501428	9/18/1952	NA	APPLIED MECHANICS CORP.	AC	RICHARDS, ARCHIE
91	499954.3	4339372.3	8501545	10/1/1954	NA	DEEM, J. F. OIL & GAS, LLC	AC	STARKEY, A. B.
92	508389	4342375	8510063	10/25/2013	NA	ANTERO RESOURCES CORPORATION	NAVL	QUIMBY, FRANKLIN P.
93	507952.1	4357825.1	8505417	12/31/1981	NA	ABARTA OIL & GAS COMPANY	AC	HAYMOND, DANIEL M.
94	510804.2	4341879	1702798	9/11/1980	11/10/1995	MERIDIAN EXPLORATION CORP.	AC	BURGESS, JOHN
95	510804.2	4341879	1702798	11/10/1995	NA	ABARTA OIL & GAS COMPANY	AC	BURGESS, JOHN
96	503466	4342693.6	8507842	8/2/1989	NA	ENERGY CORPORATION OF AMERICA	AC	KNIGHT, ALPHA H.
97	507138.9	4350249.5	8502224	9/10/1960	NA	PERKINS OIL & GAS INC	AC	POOLE, J. H.
98	507268.5	4349399.3	8507941	2/18/1991	NA	KEY OIL COMPANY	AC	P. M. MANAGEMENT COMPANY
99	510036.3	4343371.3	1700257	8/28/1958	NA	EQUITRANS, L P	PL	MATHENY, BARRY L.
100	505948.9	4349044.7	8501013	2/17/1944	NA	DOMINION TRANSMISSION INC	PL	TAYLOR, S. J., ETUX
101	500404.5	4348467.8	8501184	5/9/1958	NA	CRESTON OIL CORPORATION	PL	WADE, CLARENCE
102	500404.5	4348467.8	8501184	6/26/1947	NA	CRESTON OIL CORPORATION	PL	WADE, CLARENCE
103	502962.4	4352762.7	8504309	12/6/1976	12/6/1976	PERKINS OIL & GAS INC	AC	LOCOCO, ALTA J. - ESTATE
104	502962.4	4352762.7	8504309	10/17/2005	9/8/2006	PERKINS OIL & GAS INC	AC	LOCOCO, ALTA J. - ESTATE
105	502962.4	4352762.7	8504309	12/1/1976	NA	PERKINS OIL & GAS INC	AC	LOCOCO, ALTA J. - ESTATE
106	506029.1	4359204.2	8500804	6/26/1940	NA	OPERATOR UNKNOWN	PL	PERKINS, A. M. & ETHEL

107	504432.8	4347994.4	8507989	11/26/1990	NA	ENERGY CORPORATION OF AMERICA	AC	BURNS, BETTY & JOHN J.
108	513719.19	4342469.79	1703398	NA	1/1/1900	CHASE PETROLEUM, INC.	ND	CUNNINGHAM, GLENN C.
109	503153.6	4349342.7	8502316	2/14/1961	NA	CHARITY GAS, INC.	AC	WRIGHT, AUBREY
110	505241.7	4344698.1	8510007	5/31/2013	7/15/2013	EQT PRODUCTION COMPANY	NAVL	HEARTWOOD FORESTLAND FUND
111	507398.06	4355208.05	8507700	NA	NA	APPALACHIAN ENERGY DEV INC	ND	RIDGEWAY, CARL W.
112	507722.03	4343850.74	8507696	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	MAYFIELD, WANDA
113	504490.6	4339825.8	8509235	10/6/2005	12/14/2005	GASSEARCH CORPORATION	AC	RIGGS, DUANE
114	506911.9	4346975	8504182	2/20/1979	NA	KEY OIL COMPANY	AC	BROADWATER, T. J.
115	496523.77	4342510.22	8501051	7/30/2001	9/21/2001	LUCAS WELL SERVICE, INC.	PL	LITTLE KANAWHA SCD
116	506911	4346537	8503967	7/29/1960	NA	EQUITRANS, L P	PL	BROADWATER
117	503521.45	4341247.04	8508080	NA	NA	ENERGY CORPORATION OF AMERICA	ND	RIGGS, WANEMA
118	507496.6	4346547.3	8507772	7/8/1988	NA	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
119	505333.11	4356404.73	8507348	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	DOAK, JOHN R. - HEIRS
120	498178.4	4341190.3	8504049	9/18/1978	NA	DEEM, J. F. OIL & GAS, LLC	AC	MAPLE, EUGENE R.
121	504745	4353310.8	8500734	8/26/1939	NA	OPERATOR UNKNOWN	AB	PRIMM, HATTIE
122	500590.19	4347099.31	8509492	11/17/2006	NA	DEEM, J. F. OIL & GAS, LLC	ND	SHAFFER, HARRY & JOANNE
123	503047.8	4342677.3	8507837	5/31/1989	NA	ENERGY CORPORATION OF AMERICA	AC	BAKER, EDGEL & BETTY
124	505254.45	4340707.07	8506834	NA	NA	GABLE, ALAN OIL DEVELOPMENT COMPA	ND	RICHARDS, TERRY
125	503288.7	4343563.2	8504387	7/7/1986	NA	FRENCH CREEK DEV INC	AC	TAYLOR, RAY REX
126	506906	4353861	8510041	6/26/2013	NA	ANTERO RESOURCES APPALACHIAN CORP	NAVL	HAYMOND, ANNIE B., ET AL
127	506210.32	4346114.34	8504229	NA	1/1/1900	HAUGHT, GLENN L. & SONS	ND	WILLIAMS, WILTON
128	509918.9	4353832.9	8507730	3/18/1988	NA	APPALACHIAN ENERGY DEV INC	AC	LANGON, VERA
129	497056.3	4342843.2	8503506	2/1/1973	NA	RITCHIE PETROLEUM CORP.	AC	KEITH
130	500274.9	4340049	8501502	11/17/1953	NA	RICHARDS, C W & J E	PL	ELDER, ELDEN H.
131	513141.7	4344491.9	1703006	9/21/1981	7/1/1997	INTERSTATE ENERGY INC	AC	PRIM, CHARLES, ETUX
132	513141.7	4344491.9	1703006	NA	NA	INTERSTATE ENERGY INC	AC	PRIM, CHARLES, ETUX
133	505459.9	4352651.2	8504475	5/29/1980	NA	KIEDAISCH AND SUMMERS ENTERPRISES	AC	DAVIES, CLAYTON
134	499708.5	4346076.4	8508358	9/19/1994	NA	CHARITY GAS, INC.	ND	McGINNIS HEIRS
135	500661.7	4350539.3	8509033	4/5/2004	10/25/2004	KEY OIL COMPANY	AC	DAVIS, MICHAEL & DEBERA
136	507363.3	4350054.7	8501259	4/12/1949	NA	OPERATOR UNKNOWN	PL	POOLE, J. H. & I. F.
137	501273.3	4350893.7	8509274	2/14/2006	5/24/2006	KEY OIL COMPANY	AC	NOLAND, DARRELL & JOY
138	498485.34	4340139.36	8503334	10/8/1969	NA	ALLSTATE ENERGY CORP	AC	WELLINGS, J. E.
139	505889	4341487	8507769	8/27/1988	NA	ENERGY CORPORATION OF AMERICA	AC	PTACHICK, EDWARD & CARRIE
140	507331.6	4350768.4	8506923	5/2/1984	NA	ENERGY CORPORATION OF AMERICA	AC	DOAK, ROBT. W. & LONA M.
141	503821.8	4346302.9	8507919	7/25/1990	NA	ENERGY CORPORATION OF AMERICA	AC	PARKS, VIRGIL G.
142	504783.7	4353295.1	8500857	8/1/1972	NA	PERKINS OIL & GAS INC	AC	THOMAS, DOLLY

143	505574	4350135.7	8502709	5/1/1963	NA	BLACKWELL, RAY	PL	COLLINS, W. F.
144	505574	4350135.7	8502709	6/12/1963	NA	BLACKWELL, RAY	PL	COLLINS, W. F.
145	508404.9	4355457.9	8507711	3/30/1988	NA	APPALACHIAN ENERGY DEV INC	AC	PIERCE, GEORGE & LAURIE
146	500554.2	4348229.3	8501192	9/27/1956	NA	DOMINION TRANSMISSION INC	PL	CAWLEY, B. A.
147	500554.2	4348229.3	8501192	8/26/1947	NA	DOMINION TRANSMISSION INC	PL	CAWLEY, B. A.
148	501336.95	4348669.03	8504950	10/10/1980	NA	CHASE PETROLEUM, INC.	ND	HAZELBAKER, BRENDEN
149	506591.9	4346014.8	8507792	10/13/1988	NA	ENERGY CORPORATION OF AMERICA	AC	FLANAGAN, BETTY
150	502323.5	4346886.8	8500969	10/26/1942	NA	DOMINION TRANSMISSION INC	PL	BARNARD, A. C., ETUS
151	505333	4352318	8510170	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	ZINN, ERNEST E. ET AL
152	496551.2	4345381.1	8500552	6/16/1937	NA	RITCHIE PETROLEUM CORP.	AC	MOORE, LESTER
153	502436.6	4342950.8	8504866	9/7/1980	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	KNIGHT, KARL C.
154	497872.9	4347059.1	8506296	3/17/1983	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	SHIELDS, FREDRICK H.
155	508281.98	4357280.69	8507031	NA	NA	EQT PRODUCTION COMPANY	ND	HOSKINS, WILSON
156	500814.5	4346805.1	8500974	3/26/1943	NA	DOMINION TRANSMISSION INC	PL	CLARK, GAY, ETAL
157	512710.1	4343025.4	1704295	9/17/1996	9/17/1996	KEY OIL COMPANY	AC	PRIMM, LOREN
158	500814.5	4346805.1	8500974	5/8/1943	NA	DOMINION TRANSMISSION INC	PL	CLARK, GAY, ETAL
159	504191.5	4347591.6	8507955	7/29/1990	NA	ENERGY CORPORATION OF AMERICA	AC	JACKSON, LOUISE C.
160	504853.1	4345159.9	8507956	6/14/1990	6/14/1990	TERM ENERGY CORP.	AC	HARDMAN, RAYMOND
161	506093.1	4345386.3	8507795	9/2/1988	9/2/1988	ENERGY CORPORATION OF AMERICA	AC	COLLINS, CLYDE ETAL
162	506093.1	4345386.3	8507795	5/10/2002	7/15/2002	ENERGY CORPORATION OF AMERICA	AC	COLLINS, CLYDE ETAL
163	507455.97	4355820.7	9501117	10/11/1985	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	GRIFFIN, O. W.
164	501359.4	4341146.6	8508169	11/17/1999	3/8/2000	ENERGY CORPORATION OF AMERICA	AC	DODD, MAX D.
165	501359.4	4341146.6	8508169	10/1/1993	10/1/1993	ENERGY CORPORATION OF AMERICA	AC	DODD, MAX D.
166	502997.2	4345932	8508386	4/13/1995	4/13/1995	ENERGY CORPORATION OF AMERICA	AC	SHELLHAS, EARL
167	502224.5	4344884.8	8507807	1/3/1989	NA	GASSEARCH CORPORATION	AC	WILSON, J., ETAL
168	505851.4	4345547.2	8509227	10/6/2005	8/23/2006	GASSEARCH CORPORATION	AC	HAMMETT, SAMUEL C., ET UX
169	502127.9	4343902.9	8501111	4/26/1946	NA	DOMINION TRANSMISSION INC	PL	WILSON, HOOKER
170	502127.9	4343902.9	8501111	7/3/1946	NA	DOMINION TRANSMISSION INC	PL	WILSON, HOOKER
171	502988.96	4345916.69	8507973	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	HRONES, JAMES
172	501038	4338648.7	8505302	11/11/1981	1/1/1900	GERBER ENERGY CORP	AC	RICHARDS, ARNOLD K.
173	498766.7	4342489.6	8500607	12/24/1937	NA	OPERATOR UNKNOWN	PL	BENARD, T. J.
174	503284.1	4340392	8503825	2/1/1978	NA	STALNAKER ENERGY CORPORATION	AB	MINEAR
175	499226.6	4343836.2	8500459	NA	NA	OPERATOR UNKNOWN	PL	MCGINNIS, A.V.
176	502796.94	4346334.27	8507923	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	HRONES, JAMES, ETUX
177	506283.9	4348543.3	8507470	12/8/1986	NA	ENERVEST OPERATING L. L. C.	AC	WILSON, BARR
178	504232.5	4341099.4	8509241	11/14/2005	NA	GASSEARCH CORPORATION	ND	BARTLETT, PAUL A.

179	501878.7	4339101.8	8505198	7/7/1981	1/1/1900	GERBER ENERGY CORP	AC	WILSON, J. A.
180	513807	4342771	1706657	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	HORTON, JUDY A.
181	503018	4345860.3	8501135	10/26/1946	NA	DOMINION TRANSMISSION INC	PL	WILSON, C.A. & A. RANGER
182	497537.38	4341431.64	8507121	9/16/1984	8/22/1985	RARE EARTH MINERALS, INC.	PL	LITTLE KANAWHA SCD
183	511592	4345263.8	1704228	11/6/1995	11/6/1995	KEY OIL COMPANY	AC	SHEETS, ERIE D.
184	498097.9	4345367.8	8505256	9/14/1981	NA	CHARITY GAS, INC.	AC	CHURCH, THOMAS N.
185	502560.6	4351570.6	8506977	7/30/1984	NA	ENERVEST OPERATING L. L. C.	AC	WELLS, ROGER D. & NANCY
186	506608.5	4345354.5	8507794	8/17/1988	8/17/1988	ENERGY CORPORATION OF AMERICA	AC	COLLINS, CLYDE, ETAL
187	506608.5	4345354.5	8507794	5/10/2002	7/13/2002	ENERGY CORPORATION OF AMERICA	AC	COLLINS, CLYDE, ETAL
188	506887.28	4349290.51	8509796	4/8/2009	8/31/2009	KEY OIL COMPANY	AC	P.M. MANAGEMENT COMPANY
189	505078.1	4345901	8507869	9/14/1989	NA	ENERGY CORPORATION OF AMERICA	AC	COTTRILL, RAY & VIRGINIA
190	508747	4351623.5	8507269	7/14/1985	NA	ENERGY CORPORATION OF AMERICA	AC	AULD, GARY, ETAL
191	507198.8	4355150.6	8508998	2/18/2004	12/1/2004	GASSEARH CORPORATION	AC	ANDERSON, MURIEL A., ETAL
192	512757.4	4343573.1	1702464	1/10/1996	NA	ABARTA OIL & GAS COMPANY	AC	PRIMM, OLIN
193	512757.4	4343573.1	1702464	9/27/1979	1/10/1996	MERIDIAN EXPLORATION CORP.	AC	PRIMM, OLIN
194	498792	4341227	8509175	5/19/2005	12/23/2005	STALNAKER ENERGY CORPORATION	AC	MAPLE, EUGENE R.
195	506441.5	4352682	8502649	11/24/1965	NA	OPERATOR UNKNOWN	PL	WILSON, OPAL
196	505664.3	4340874.8	8502563	10/19/1962	NA	OPERATOR UNKNOWN	PL	BAKER, G. - HEIRS
197	503144.41	4345919.74	8503981	6/2/1989	NA	EQUITRANS, L P	PL	BARNARD, JOHN T. & LAURA
198	502690.26	4347614.43	8508071	NA	NA	ENERGY CORPORATION OF AMERICA	ND	OGDEN, VIOLET
199	508905.1	4354057.1	8507657	7/15/1987	NA	DOMINION EXPLORATION & PRODUCTION	AC	WINKLER, MILLARD
200	506862.4	4349753.2	8508041	3/31/1991	NA	KEY OIL COMPANY	AC	P. M. MANAGEMENT
201	510514.3	4346357.4	1700230	12/30/1957	NA	RITCHIE PETROLEUM CORP.	AB	MASON, ED, ETAL
202	506562.9	4343549.2	8507768	6/12/1988	NA	ENERGY CORPORATION OF AMERICA	AC	HARRIS, JACK & BETTY
203	506562.9	4343549.2	8507768	5/17/2000	5/19/2000	ENERGY CORPORATION OF AMERICA	AC	HARRIS, JACK & BETTY
204	508512.7	4345130.9	1703648	10/1/1988	NA	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORPORATION
205	505884.18	4345763.82	8504228	NA	1/1/1900	HAUGHT, GLENN L. & SONS	ND	WILLIAMS, WILTON
206	507008.6	4354841.5	8500466	NA	NA	OPERATOR UNKNOWN	AB	RIGGS, G.A.
207	502201.54	4339204.72	8505138	4/28/1981	NA	ALLSTATE ENERGY CORP	AC	HARDBARGER, JAMES
208	502562.1	4346882.1	8509161	4/14/2005	4/20/2005	GASSEARH CORPORATION	AC	SCHELLHAS, EARL
209	502037.99	4346645.16	8509653	NA	NA	EQT PRODUCTION COMPANY	AC	MARKWITH, DENNIS
210	495139.01	4341664.64	8503326	7/30/2001	11/2/2001	LUCAS WELL SERVICE, INC.	PL	LITTLE KANAWHA SCD
211	495139.01	4341664.64	8503326	8/1/1969	NA	LITTLE KANAWHA SOIL CONSERVATION	PL	LITTLE KANAWHA SCD
212	506732.8	4350687.3	8507854	8/22/1989	NA	KEY OIL COMPANY	AC	CUNNINGHAM
213	506924.8	4354434.2	8501015	2/24/1989	NA	PERKINS OIL & GAS INC	PL	LOCOCO, ALTA JO
214	510415.4	4342811.2	1701339	12/9/1965	NA	ENERGY CORPORATION OF AMERICA	AC	LEGGETT, RALPH

215	511487.1	4343539	1703420	10/30/1995	NA		CNG PRODUCING COMPANY	AC	WILLIAMS, ROBERT C
216	498551.47	4342209.28	8504525	NA		1/1/1900	HAUGHT, GLENN L. & SONS	ND	MAPLE, EUGENE
217	506763.6	4354385.4	8501001	10/26/1943	NA		DOMINION TRANSMISSION INC	PL	RIGGS, G. A. - HEIRS
218	504963.2	4349461.8	8508354	8/30/1994		8/30/1994	KEY OIL COMPANY	AC	HALL, GERALD
219	506719.4	4347480.7	8507642	3/24/1987	NA		KEY OIL COMPANY	AC	WILLIAMS, WILTON E. JR.
220	503723.2	4342432.9	8501401	2/11/1952	NA		OPERATOR UNKNOWN	PL	KNIGHT, ALPHA
221	503723.2	4342432.9	8501401	1/21/1952	NA		OPERATOR UNKNOWN	PL	KNIGHT, ALPHA
222	502819.9	4346318.5	8508380	4/21/1995		4/21/1995	ENERGY CORPORATION OF AMERICA	AC	SCHELLHAS, EARL
223	502548.7	4344497	8506233	4/15/1984	NA		SOLOMON PRODUCTION CORPORATION	AC	WILSON, JOSEPH E., ETUX
224	506388.1	4342238.6	8502245	10/1/1960	NA		MOUNTAIN STATE OIL COMPANY LLC	AC	TAYLOR, E. J.
225	506038.4	4353682.5	8505632	10/22/1982	NA		EXCO RESOURCES (WV), INC.	AC	HAYMOND, H. K., JR.
226	503308.4	4351049.67	8507032	NA	NA		EQT PRODUCTION COMPANY	ND	McCLOY, LARRY & SANDRA
227	505232.4	4355986.5	8505145	5/12/1981	NA		DOMINION TRANSMISSION INC	AC	STEWART, BLANCHE
228	503636.4	4343128.5	8506882	3/27/1984	NA		OPERATOR UNKNOWN	AC	TAYLOR, RAY REX
229	504183.4	4345861.36	8509929	1/5/2012		8/18/2012	EQT PRODUCTION COMPANY	AC	BRITTON, DEWAYNE, ET UX
230	505358.7	4340826.3	8503987	8/18/1989	NA		EQUITRANS, L P	PL	RICHARDS, STELLO F.
231	505358.7	4340826.3	8503987	8/18/1989	NA		EQUITRANS, L P	PL	RICHARDS, STELLO F.
232	500523.5	4340868.4	8503365	10/30/1975	NA		BIG D INDUSTRIAL EQUIPMENT INC	PL	ELDER, R. W. - HEIRS
233	504746	4343048.6	8507799	8/16/1988	NA		GASSEARCH CORPORATION	AC	FERIS, ROSE, ETAL
234	508906.82	4357451.38	8507926	NA		1/1/1900	PARDEE EXPLORATION COMPANY	ND	MOSSOR, GARY L.
235	505309.7	4341921.5	8507683	9/29/1987	NA		ENERGY CORPORATION OF AMERICA	AC	TAYLOR, HARRY J. - ETUX
236	498097.9	4345319.5	8504353	3/7/1980	NA		HAUGHT, GLENN L. & SONS	PL	CHURCH, THOMAS N.
237	498097.9	4345319.5	8504353	9/25/1979	NA		HAUGHT, GLENN L. & SONS	PL	CHURCH, THOMAS N.
238	504736.29	4341408.11	8503691	NA		1/1/1900	PRIOR, FERRELL L	ND	SNODGRASS, V. C.
239	507099.2	4354876.7	8506220	NA	NA		ENERGY CORPORATION OF AMERICA	AC	RIDGEWAY, JOHN
240	508780.4	4350560.5	8507655	7/1/1987	NA		KEY OIL COMPANY	AC	GARNER, TERRY
241	501135.4	4339970.5	8501521	6/1/1954	NA		APPLIED MECHANICS CORP.	AC	ELDER, R. D.
242	511341.5	4344118.6	1704302	10/10/1996		10/10/1996	KEY OIL COMPANY	AC	RICHARDS, RAY
243	500581.3	4349572.9	8506382	7/31/1983	NA		LIPPIZAN PETROLEUM, INC.	AC	GIEBELL, C. E. & MARY
244	503529.2	4344740.4	8507758	4/8/1988	NA		GASSEARCH CORPORATION	AC	TAYLOR, RAY REX
245	503529.2	4344740.4	8507758	3/10/2000		1/8/2001	GASSEARCH CORPORATION	AC	TAYLOR, RAY REX
246	500281.7	4340921	8508911	3/3/2003		3/23/2003	STALNAKER ENERGY CORPORATION	AC	BROWN, FRANKLIN C.
247	504503.12	4343671.25	8509824	8/7/2009		9/8/2009	KEY OIL COMPANY	AC	LOGUE, CATHY M
248	510978.8	4346213.2	1700061	6/1/1975	NA		RENO OIL CO.	AB	MAXWELL, LEEMAN
249	505217.4	4354343.6	8506257	6/24/1983	NA		EXCO RESOURCES (WV), INC.	AC	ROBERTSON, R. T.
250	503286.9	4346447.6	8508387	6/2/1995		6/2/1995	ENERGY CORPORATION OF AMERICA	AC	BARNARD, BESSIE H., ETAL

251	509307.4	4354025.4	8508029	3/6/1991	NA	APPALACHIAN ENERGY DEV INC	AC	CHRISTIAN YOUTH CAMP
252	507107	4357599.5	8503236	10/10/1968	NA	OPERATOR UNKNOWN	PL	HAYMOND, REVESIE
253	506468.49	4356560.17	8506904	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	HAYMOND, LETTIE & GLADYS
254	505425.9	4355261.8	8507960	8/15/1990	NA	PARDEE EXPLORATION COMPANY	AC	GRAY, WALTER C.
255	510126	4347124	1706415	1/24/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	MCCLOY, ALVADORE JR. , ET
256	508452.9	4355699.5	8507712	11/20/1987	NA	APPALACHIAN ENERGY DEV INC	AC	PIERCE, GEORGE & LAURIE
257	510617.9	4343037.7	1700215	10/1/1955	NA	P & M OIL COMPANY	PL	LEGGETT, RALPH
258	499322.9	4341919.6	8507242	12/19/1984	NA	CHARITY GAS, INC.	AC	BROADWATER
259	503286.3	4347865	8508382	1/1/1996	1/1/1996	ENERGY CORPORATION OF AMERICA	AC	TERRELL, MICHAEL
260	512043	4343241.1	1700211	4/13/1955	NA	FLUHARTY ENTERPRISES INC	AC	LEGGETT, RALPH
261	505559.2	4358909.1	8500756	10/26/1939	NA	DOMINION TRANSMISSION INC	AB	DARNELL, ZACKQUILL
262	508986.9	4341715.5	8508554	9/27/1998	9/27/1998	KEY OIL COMPANY	AC	CROOKS, MALCOLM P.
263	507645.7	4342475	8503549	7/1/1974	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	TAYLOR, E. J. (COTTRILL)
264	502205.7	4341715.9	8503550	7/1/1974	NA	DEEM, J. F. OIL & GAS, LLC	AC	WILSON, L. C.
265	506721.7	4344887.5	8507705	8/20/2001	10/19/2001	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
266	506721.7	4344887.5	8507705	5/27/1988	NA	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
267	500654.2	4344694.44	8504416	NA	1/1/1900	HAUGHT, GLENN L. & SONS	ND	BUNNER, EARL, ETAL
268	504450.1	4347845.6	8507230	NA	1/1/1900	EQT PRODUCTION COMPANY	ND	ST. JOSEPH CATH. CHURCH
269	501291.3	4347435.8	8501305	3/23/1950	NA	OPERATOR UNKNOWN	AB	WILSON, ANNA K.
270	506700.8	4359419.8	8501369	6/30/1951	NA	BEECHLICK OIL INC	AC	PERKINS, A. M.
271	504081.3	4345532.3	8503330	6/24/1970	NA	OPERATOR UNKNOWN	PL	TAYLOR, E. R. - HRS.
272	507570.6	4353281.3	8507908	1/26/1990	NA	APPALACHIAN ENERGY DEV INC	AC	LANTZ, RALPH, ETUX
273	501741.42	4341999.89	8507872	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	DODD, BURL & EVELYN
274	505361.5	4340065.5	8501799	10/16/1957	NA	C & L FUEL COMPANY	AC	COTTRELL, MICHIE
275	504180.35	4345864.4	8509930	11/21/2011	7/16/2012	EQT PRODUCTION COMPANY	AC	BRITTON, DEWAYNE, ET UX
276	507368.17	4344725.64	8507350	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	WV PULP & PAPER
277	511696.2	4344638.1	1701439	8/6/1968	NA	PRIOR, FERRELL L	PL	LODGE, F. R.
278	508419.14	4358195.09	8506961	NA	NA	EQT PRODUCTION COMPANY	ND	HOSKINS, WILSON
279	507038.2	4351138.6	8506924	6/1/1984	NA	ENERGY CORPORATION OF AMERICA	AC	DOAK, ROBERT W. & LONA M.
280	508047.6	4353358.7	8501992	3/10/1959	NA	OPERATOR UNKNOWN	PL	HICKMAN, DOLPH
281	508047.6	4353358.7	8501992	1/21/1959	NA	OPERATOR UNKNOWN	PL	HICKMAN, DOLPH
282	502594.2	4347172.1	8509154	3/14/2005	4/26/2005	GASSEARCH CORPORATION	AC	WILSON, ROCK S.
283	504204.4	4345846.3	8510094	5/22/2014	NA	EQT PRODUCTION COMPANY	NAVL	BRITTON, DEWAYNE ET UX
284	507254.3	4347320.2	8507600	2/9/1987	NA	ENERVEST OPERATING L. L. C.	AC	WILSON, BARR & KATHLEEN
285	508986.8	4352976.7	8507430	11/22/1986	NA	ENERGY CORPORATION OF AMERICA	AC	HICKMAN, DOLPH
286	508810.1	4352767.2	8507939	7/17/1991	NA	APPALACHIAN ENERGY DEV INC	AC	LANTZ, MARSH - HEIRS

287	505384.92	4354816.72	8504534	NA	1/1/1900	HAUGHT, GLENN L. & SONS	AB	GRAY, WALTER C.
288	506445.67	4340142.69	8508516	3/24/1998	3/24/1998	STALNAKER ENERGY CORPORATION	AC	THORNBURGH, SANDERS
289	510006.7	4343653.1	1702439	5/31/1979	NA	W VA JOINT VENTURE	AB	ADAMS, EDWARD
290	505752.6	4348591.2	8508084	10/25/1991	NA	MURVIN & MEIER OIL CO.	AC	WEEKLEY, DALE & MARY
291	500914.435	4346515.633	8509491	11/17/2006	2/12/2007	DEEM, J. F. OIL & GAS, LLC	PL	SHAFFER, HARRY
292	500914.435	4346515.633	8509491	2/8/2013	4/4/2013	DEEM, J. F. OIL & GAS, LLC	PL	SHAFFER, HARRY
293	506877.5	4350880.7	8503966	NA	NA	EQUITRANS, L P	PL	MCCULLOUGH, PAUL
294	504186.3	4341988.4	8502727	6/4/1963	NA	OPERATOR UNKNOWN	PL	TAYLOR, HARRY C.
295	504186.3	4341988.4	8502727	8/9/1974	NA	OPERATOR UNKNOWN	PL	TAYLOR, HARRY C.
296	500651.9	4341594.6	8501346	10/1/1950	11/17/1950	RICHARDS, C W & J E	PL	CALHOUN, R. M.
297	506039.6	4352087.9	8506429	8/6/1983	NA	ENERGY CORPORATION OF AMERICA	AC	BLOCK, HAROLD
298	506966.5	4341729.6	8507681	10/31/1988	NA	ENERGY CORPORATION OF AMERICA	AC	HALL, LLOYD
299	504585.6	4355823.7	8502291	1/1/1962	1/22/1963	OPERATOR UNKNOWN	PL	STEWART, BLANCHE
300	499739.6	4341547.8	8501336	9/1/1950	NA	RICHARDS, C W & J E	PL	ELDER, L. C.
301	507134.8	4359109.3	8501422	9/13/1952	NA	OPERATOR UNKNOWN	PL	MARSH, J. R.
302	499428.5	4347183.8	8501211	5/18/1948	NA	DOMINION TRANSMISSION INC	PL	LAMBERT, L. L.
303	499428.5	4347183.8	8501211	12/26/1947	NA	DOMINION TRANSMISSION INC	PL	LAMBERT, L. L.
304	502364	4338398.1	8505016	2/17/1981	NA	ZICKEFOOSE, R. L. AND W.F.	AC	MASON, TOM
305	495646.3	4342487.6	8503402	3/1/1971	NA	DEEM, J. F. OIL & GAS, LLC	AC	CURRY, W. P.
306	506016.3	4343323.3	8507697	10/11/1987	NA	ENERGY CORPORATION OF AMERICA	AC	LAMM, NATHAN
307	508059.2	4343170	8503722	12/1/1977	NA	D & N OPERATING CORP	AC	ANDERSON & VAN CAMPEN
308	504505.4	4342001.5	8507845	6/28/1989	NA	ENERGY CORPORATION OF AMERICA	AC	TAYLOR, HARRY J.
309	502319.93	4348967.74	8507318	NA	1/1/1900	EQT PRODUCTION COMPANY	ND	PENNSBORO, CITY OF
310	508292	4351051	8503929	7/29/1960	NA	CARNEGIE PRODUCTION CO	PL	ALBERT, ANDREW
311	502222.9	4350749	8509146	2/22/2005	12/22/2005	KEY OIL COMPANY	AC	WELLS, LYNN & CAROL
312	499821.5	4341919.6	8506935	NA	NA	OPERATOR UNKNOWN	ND	HOTHAM, RONALD
313	495934.9	4341013.3	8502138	1/31/1960	NA	OPERATOR UNKNOWN	AB	DAVIS, THOMAS J.
314	504510.4	4353053.3	8509232	NA	NA	PERKINS OIL & GAS INC	AC	YUDT, MIKE & VICKKI
315	512649.9	4341947.9	1702557	1/8/1980	1/1/1900	CONTINENTAL RESERVES OIL CO.	PL	EMMIT, JAMES
316	501213	4350301	8580627	NA	NA	OPERATOR UNKNOWN	AB	NOLAN PROPERTIES
317	501859.9	4349763.9	8502480	3/6/1962	NA	TERM ENERGY CORP.	PL	RIDDLE, JUNIOR
318	508792.5	4346090.8	1701189	12/11/1964	NA	OPERATOR UNKNOWN	PL	WALDO, J. W.
319	496383.2	4343271.1	8503484	7/1/1972	NA	RITCHIE PETROLEUM CORP.	AC	SHEARER
320	507194.3	4355341.9	8502875	7/25/1964	NA	BEEKAY COMPANY	PL	McCULLOUGH, J.L. HRS.
321	507194.3	4355341.9	8502875	6/7/1964	NA	BEEKAY COMPANY	PL	McCULLOUGH, J.L. HRS.
322	508878	4343235	8510154	9/26/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	MACKAY, JACK D. ET AL

323	502868.9	4345227.9	8501498	11/23/1953	NA	OPERATOR UNKNOWN	PL	WILSON, C. A.
324	502868.9	4345227.9	8501498	7/31/1958	NA	OPERATOR UNKNOWN	PL	WILSON, C. A.
325	504947.23	4349875.72	8508087	NA	NA	ENERGY CORPORATION OF AMERICA	ND	WILSON, GLEN V.
326	496442.8	4345336.6	8500781	8/1/1951	NA	OPERATOR UNKNOWN	PL	MCMULLEN, HARTIN - HEIRS
327	512721	4343585	1706191	3/27/2013	NA	ANTERO RESOURCES APPALACHIAN CORP	NAVL	PRIMM, OLIN E. AND MARY
328	506620.5	4353790.5	8501117	9/10/1946	10/18/1946	ALAMCO INC	PL	NUTTER, OKEY E.
329	506620.5	4353790.5	8501117	5/26/1946	6/26/1946	ALAMCO INC	PL	NUTTER, OKEY E.
330	509812.67	4345929.6	1703748	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	HILL, G. W.
331	505242.4	4344707.2	8510052	8/7/2013	10/10/2013	EQT PRODUCTION COMPANY	NAVL	HEARTWOOD FORESTLAND FUND
332	499037.9	4341541.6	8504324	10/9/1979	NA	DEEM, J. F. OIL & GAS, LLC	AC	McCOY, B.
333	511096.6	4346516.3	1701261	5/31/1965	NA	OPERATOR UNKNOWN	AC	DOTSON, CLYDE
334	503224	4351663	8510161	12/5/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	WOGGONER, EDDY D. ET AL
335	507699.8	4342084.6	8507684	11/20/1988	NA	ENERGY CORPORATION OF AMERICA	AC	PRIBBLE, ORA M.
336	509434	4348336.4	1701628	9/1/1971	NA	EMAX OIL COMPANY	AB	LAW, R. L.
337	509434	4348336.4	1701628	9/12/1971	NA	EMAX OIL COMPANY	AB	LAW, R. L.
338	509701.5	4347580.5	1704886	10/21/2004	1/30/2005	KEY OIL COMPANY	AC	DOAK, RICKY WAYNE
339	505750.6	4351218	8507303	2/18/1985	NA	ENERGY CORPORATION OF AMERICA	AC	JONES, RICK, ETAL
340	505238	4344715.31	8509952	NA	NA	EQT PRODUCTION COMPANY	NI	HEARTWOOD FOREST FUND IV
341	508052.3	4354201.2	8505999	10/18/1983	NA	ENERGY CORPORATION OF AMERICA	AC	HICKMAN, CHANDOS
342	505944.9	4358957.5	8501332	9/14/1950	NA	OPERATOR UNKNOWN	PL	PERKINS, A. M.
343	505944.9	4358957.5	8501332	8/26/1950	NA	OPERATOR UNKNOWN	PL	PERKINS, A. M.
344	500201.2	4342161.2	8508969	7/21/2003	1/28/2004	STALNAKER ENERGY CORPORATION	AC	HOTHAM FAMILY PROP.
345	499773.3	4343884.6	8508377	9/19/1994	10/1/1994	CHARITY GAS, INC.	AC	SETH, CRAIG & LINDA
346	504611.4	4345433.6	8509225	10/6/2005	1/4/2006	GASSEARCH CORPORATION	AC	HAMMETT, SAMUEL C., ET UX
347	503239.1	4345143	8507532	3/13/1987	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	HILVERS, PAUL & NORMA
348	507955.2	4354845.3	8506196	5/17/1983	NA	ENERGY CORPORATION OF AMERICA	AC	SCOTT, ROGER
349	504877.5	4353555.9	8500601	3/2/1938	NA	OPERATOR UNKNOWN	PL	NUTTER, OKEY E.
350	507562.3	4345226.6	8507804	10/10/1988	NA	PERKINS OIL & GAS INC	AC	WESTVACO CORP.
351	507562.3	4345226.6	8507804	5/18/2012	NA	PERKINS OIL & GAS INC	AC	WESTVACO CORP.
352	507266.4	4341133.9	8504519	2/24/1980	NA	ZICKEFOOSE, R. L. AND W.F.	AC	SAMPLES, CLIFTON
353	500598.42	4341451.25	8506931	NA	NA	OPERATOR UNKNOWN	ND	HOTHAM, RONALD
354	509413.68	4347490.17	1703455	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	MURPHY, DELBERT R.
355	505266.05	4355529.95	8504536	NA	1/1/1900	HAUGHT, GLENN L. & SONS	ND	GRAY, WATLER C.
356	506429	4353115	8510143	11/13/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	LANDRUM, EDDY F.
357	505147.6	4343838	8503652	NA	NA	GASSEARCH CORPORATION	AC	FERIS, ROSE, MRS. ETAL.
358	505811.64	4355182.48	8504535	NA	1/1/1900	HAUGHT, GLENN L. & SONS	ND	GRAY, WALTER C.

359	510013.84	4347877.27	1704397	NA	NA	TRIO PETROLEUM CORP.	ND	DOAK, RICKY WAYNE
360	511056.3	4341154.6	1702795	8/21/1980	12/13/1995	MERIDIAN EXPLORATION CORP.	AC	CUNNINGHAM, RALPH
361	511056.3	4341154.6	1702795	12/13/1995	NA	ABARTA OIL & GAS COMPANY	AC	CUNNINGHAM, RALPH
362	506335.28	4346690.41	8504181	NA	1/1/1900	HAUGHT, GLENN L. & SONS	ND	BROADWATER, T. J.
363	499725.1	4344512.7	8500498	NA	NA	OPERATOR UNKNOWN	PL	MORRIS, L.J. & CORA
364	503450.9	4340422.5	8507980	10/8/1990	NA	ENERGY CORPORATION OF AMERICA	AC	EVERA, ANNA VAN
365	506765.2	4350397.4	8508033	9/23/1992	NA	APPALACHIAN ENERGY DEV INC	AC	WELLS, SAMP JR.
366	508967.3	4355957.8	8507007	7/23/1984	NA	ENERGY CORPORATION OF AMERICA	AC	KOEHNLEIN, JOHN & DONNA
367	503989.8	4343885.7	8507766	2/15/1993	NA	GASSEARH CORPORATION	AC	TAYLOR, RAY REX
368	507852.6	4351248.2	8500529	7/1/1964	NA	OPERATOR UNKNOWN	AB	POOLE, JOHN
369	508751.96	4346789.13	1704414	11/25/1997	NA	DOMINION EXPLORATION & PRODUCTION	ND	ROBINSON, THOMAS G.
370	502292.7	4339987.1	8507516	9/29/1986	NA	DOMINION EXPLORATION & PRODUCTION	AB	ELLOITT, J. RAYMOND
371	506091.1	4347995.6	8508163	8/31/1993	8/31/1993	KEY OIL COMPANY	AC	WILLIAMS, LOIS, MRS.
372	510030.6	4343134.2	1704413	12/23/1997	12/23/1997	KEY OIL CO.	AC	BRITTON, WILLIAM P.
373	510223	4355073.6	8508139	9/8/1992	NA	DOMINION EXPLORATION & PRODUCTION	AC	BOND, GENE P.
374	497711.2	4344884.7	8507347	3/24/1985	NA	RARE EARTH MINERALS, INC.	AB	JACKSON, ROBERT P.
375	502068.2	4341002.5	8501569	3/22/1955	NA	OPERATOR UNKNOWN	PL	ELDER, W. K.
376	510621.9	4342769.1	1700208	11/22/1954	NA	OPERATOR UNKNOWN	PL	LEGGETT, RALPH
377	510621.9	4342769.1	1700208	2/24/1965	NA	OPERATOR UNKNOWN	PL	LEGGETT, RALPH
378	502068.2	4341002.5	8501569	4/9/1955	NA	OPERATOR UNKNOWN	PL	ELDER, W. K.
379	497862.61	4345411.32	8505502	NA	NA	OPERATOR UNKNOWN	ND	CHURCH, TOM
380	504242.52	4340103.57	8507847	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	LAMM, IRA
381	507745.8	4344339.6	8507770	6/24/1988	NA	ENERGY CORPORATION OF AMERICA	AC	MAYFIELD, WANDA & HERBERT
382	506098.76	4353548.56	8509957	1/26/2012	NA	HALL DRILLING, LLC	AC	HAYMOND, ANNIE B. & EDDY L
383	506029.1	4359204.2	8500804	7/19/1940	NA	OPERATOR UNKNOWN	PL	PERKINS, A. M. & ETHEL
384	501488.4	4339534.6	8509115	9/8/2004	1/5/2005	STALNAKER ENERGY CORPORATION	AC	WILSON, DAVID R.
385	510816	4347469.3	1704630	10/9/2001	10/20/2001	KEY OIL COMPANY	AC	BARKER, ANNA
386	508952.9	4343293.9	8508561	10/26/1998	10/26/1998	KEY OIL COMPANY	AC	MORRIS, I. L.
387	508388	4342360	8510078	12/30/2013	NA	ANTERO RESOURCES CORPORATION	NAVL	QUIMBY, FRANKLIN P.
388	499472	4342380.1	8501819	1/30/1958	NA	RICHARDS, C W & J E	PL	BROADWATER, ARNOLD
389	512584.13	4343733.75	1700285	5/1/1960	NA	CHARITY GAS, INC.	AC	LEGGETT, RALPH
390	510969	4347128	1706430	1/28/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	HOLLAND, ROBERT L., JR.
391	511037.6	4343827.8	1703110	4/25/1983	NA	ENERGY CORPORATION OF AMERICA	AC	MAXWELL HEIRS
392	503274.1	4339987.6	8507517	10/9/1986	NA	DOMINION EXPLORATION & PRODUCTION	AC	STERNAMAN, ELIZABETH
393	505582.9	4353753.7	8500838	10/26/1940	NA	OPERATOR UNKNOWN	AB	COLLINS, CREED, ETUX
394	501222.1	4341761.2	8501395	5/3/1952	NA	APPLIED MECHANICS CORP.	AB	TODD, EARL H.

395	499290.5	4339583.3	8504829	5/31/1980	NA	RITCHIE PETROLEUM CORP.	AC	KIRKPATRICK, H. R.
396	509279.7	4350190.6	8507493	10/23/1986	NA	EQT PRODUCTION COMPANY	AC	DOTSON, LONNIE B.
397	502934.8	4342558	8501461	8/24/1957	NA	OPERATOR UNKNOWN	PL	TAYLOR, RACHEL
398	504224.5	4346077.6	8507875	5/10/1990	NA	ENERGY CORPORATION OF AMERICA	AC	FERRELL, MARY SUE
399	508826.9	4352139	8507819	12/1/1988	NA	KEY OIL COMPANY	AC	SCHUMACHER, PETER
400	508019.2	4355103.1	8508127	7/6/1992	NA	DOMINION EXPLORATION & PRODUCTION	AC	BOND, GENE P.
401	498255.52	4340011.83	8503339	11/8/1969	NA	ALLSTATE ENERGY CORP	AC	WELLINGS, J. E.
402	499772.9	4345593.2	8508369	9/19/1994	NA	CHARITY GAS, INC.	ND	McGINNIS HEIRS
403	501126.1	4340870.1	8503385	1/1/1971	NA	DEEM, J. F. OIL & GAS, LLC	AC	ELDER, W. R.
404	507786.1	4346918	1703731	8/8/1989	NA	FLUHARTY ENTERPRISES INC	AC	DAUGHERTY, EARL
405	504365.1	4353924.3	8507096	2/2/2006	NA	SENECA-UPSHUR PETROLEUM	AC	ROBERTSON, RICHARD
406	503134	4350045	8510146	9/26/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	DEWBERRY, LINDA C., TRUST
407	498246.67	4341770.37	8504526	NA	1/1/1900	HAUGHT, GLENN L. & SONS	ND	MAPLE, EUGENE
408	508169.6	4349754.5	8508956	7/9/2003	11/4/2003	KEY OIL COMPANY	AC	SELLERS, DENNIS & DELSA
409	512501.7	4342606.3	1704296	9/26/1996	9/26/1996	KEY OIL COMPANY	AC	PRIMM, LOREN
410	508555.9	4344290.7	8500677	11/26/1937	NA	NIGHT OWL WELL SERVICE	AC	NUTTER, M. B.
411	504987.5	4342758.8	8507665	8/22/1987	NA	ENERGY CORPORATION OF AMERICA	AC	JANOTHA, MANFRED & SUE
412	505268	4350879.4	8505398	12/21/1981	NA	VESTA FUEL CO.	AC	STUMP, WILBUR O. & B. E.
413	502592.12	4350493.41	8506980	NA	NA	EQT PRODUCTION COMPANY	ND	WELLS, LYNN C.
414	506102	4354666.5	8506168	6/8/1983	NA	EXCO RESOURCES (WV), INC.	AC	HAYMOND, H. K., JR.
415	506102	4354666.5	8506168	6/16/1983	NA	EXCO RESOURCES (WV), INC.	AC	HAYMOND, H. K., JR.
416	506784.86	4348696	8509797	4/8/2009	NA	KEY OIL COMPANY	ND	P.M. MANAGEMENT COMPANY
417	505722.5	4345659.8	8507836	6/9/1989	NA	ENERGY CORPORATION OF AMERICA	AC	WILLIAMS, WILTON
418	505818.7	4346191.4	8507835	6/14/1989	NA	ENERGY CORPORATION OF AMERICA	AC	WILLIAMS, WILTON
419	505350.3	4348268.8	8508489	7/31/1998	7/31/1998	CARNEGIE PRODUCTION CO	AC	LESKOWICZ, MARK & NOREEN
420	505315.9	4350362.4	8502617	11/1/1962	NA	KEY OIL COMPANY	AC	JONES, M. H.
421	497087.7	4343401.8	8501584	1/22/1981	NA	ALLSTATE ENERGY CORP	AC	HOUGHTON, F. M.
422	508023.9	4350608	8507008	8/25/1984	NA	ENERGY CORPORATION OF AMERICA	AC	FERREBEE, BERTHA D.
423	506491.6	4350365	8507731	1/19/1988	NA	KEY OIL COMPANY	AC	HALL, GERALD
424	500813.975	4346929.306	8503662	2/8/2013	4/30/2013	DEEM, J. F. OIL & GAS, LLC	PL	SHAFFER, HARRY
425	496144.6	4342129.8	8503349	12/1/1969	NA	RITCHIE PETROLEUM CORP.	AC	DEEM, F. A.
426	509961.8	4345438.7	1703348	10/18/1984	NA	ENERGY CORPORATION OF AMERICA	AC	HILL, GEORGE & PEARL
427	500096.8	4346151.1	8501031	9/9/1945	NA	HARTMAN OIL AND GAS COMPANY	PL	RAMSEY, A. J.
428	500096.8	4346151.1	8501031	6/26/1944	NA	HARTMAN OIL AND GAS COMPANY	PL	RAMSEY, A. J.
429	503051.8	4349021.9	8502325	4/10/1961	NA	CHARITY GAS, INC.	AC	HAMMETT, PAULINE DOAK
430	510558.4	4347771.4	1700604	11/10/1961	NA	RITCHIE PETROLEUM CORP.	AB	DOAK, ROBERT W., ETAL

431	512759.7	4342171.9	1704368	9/2/1997	9/2/1997	KEY OIL COMPANY	AC	WHITEHAIR, LARRY
432	503732.4	4344127.2	8507756	2/17/1988	NA	GASSEARCH CORPORATION	AC	TAYLOR, RAY REX
433	511889	4343652.3	1704301	9/30/1996	9/30/1996	KEY OIL COMPANY	AC	PRIMM, OLIN
434	510701.6	4346229	1703578	11/9/1988	NA	OPERATOR UNKNOWN	PL	JEVOHAH WITNESS CHURCH
435	500990	4341143.6	8501348	5/2/1951	NA	RICHARDS, C W & J E	PL	ELDER, W. R.
436	503829.7	4342371.6	8507841	7/26/1989	NA	ENERGY CORPORATION OF AMERICA	AC	KNIGHT, ALPHA H.
437	499772.9	4345303.3	8508372	9/19/1994	NA	CHARITY GAS, INC.	ABODR	McGINNIS HEIRS
438	503144.41	4345919.74	8503981	6/2/1989	NA	EQUITRANS, L P	PL	BARNARD, JOHN T. & LAURA
439	512743.4	4342316.8	1703600	10/8/1987	NA	RITCHIE PETROLEUM CORP.	AC	WHITEHAIR, ESTA
440	507599.3	4356826.1	8505260	10/17/1981	NA	ABARTA OIL & GAS COMPANY	AC	HAYMOND, H. K.
441	498758	4340963.3	8502970	12/10/1964	NA	OPERATOR UNKNOWN	PL	RYMER, LUCILLE, ETAL
442	507141.5	4354899.5	8501008	9/26/1944	NA	OPERATOR UNKNOWN	AB	McCULLOUGH, J. E., ETAL
443	506898	4353852	8509963	6/28/2012	NA	ANTERO RESOURCES APPALACHIAN CORP	NAVL	HAYMOND, ANNIE (LIFE)
444	503658.7	4350797.9	8502330	NA	NA	JOHNSON, CHARLIE R. OR ELLEN R.	AC	HEFLIN, MABLE
445	502960.7	4345007.3	8509988	11/27/2012	9/9/2013	EQT PRODUCTION COMPANY	NAVL	MARY JANE WILSON ET AL
446	497260.2	4344723.8	8507240	1/12/1985	1/1/1900	RARE EARTH MINERALS, INC.	AB	JACKSON, ROBERT
447	498303.7	4342904.7	8503376	9/7/1970	NA	WACO OIL & GAS CO INC	PL	MOORE, RAYMOND
448	498303.7	4342904.7	8503376	9/8/1970	NA	WACO OIL & GAS CO INC	PL	MOORE, RAYMOND
449	504766.5	4355148.7	8506683	8/15/2003	9/22/2003	ENERVEST OPERATING L. L. C.	AC	NELSON, DANA
450	505502.3	4342533.7	8507664	8/17/1987	NA	ENERGY CORPORATION OF AMERICA	AC	JANOTHA, MANFRED & SUE
451	505658.63	4347479.84	8508066	NA	1/1/1900	KEY OIL COMPANY	ND	R.E.I.C. (CSX TRANS)
452	496648.99	4342004.97	8508415	7/30/2001	12/13/2001	LUCAS WELL SERVICE, INC.	PL	LITTLE KANAWHA SCD
453	496648.99	4342004.97	8508415	11/3/1995	NA	OPERATOR UNKNOWN	PL	LITTLE KANAWHA SCD
454	505390.6	4341180.6	8507660	7/27/1987	NA	ENERGY CORPORATION OF AMERICA	AC	RICHARDS, TERRY LEE
455	509588	4348176.3	1702587	10/4/2000	NA	ENERGY CORPORATION OF AMERICA	AC	LONG, BECKY
456	509588	4348176.3	1702587	2/27/1980	NA	ENERGY CORPORATION OF AMERICA	AC	LONG, BECKY
457	497344.9	4342860.6	8504981	11/11/1980	NA	ALLSTATE ENERGY CORP	AC	SMITH, DAVID
458	505713.9	4351405.4	8502512	10/9/1961	NA	OPERATOR UNKNOWN	PL	TAYLOR, J. ARLIE
459	511167.7	4341992.3	1704418	1/16/1998	1/16/1998	KEY OIL COMPANY	AC	HINZMAN, CECIL A.
460	503906.03	4345132.88	8503979	NA	1/1/1900	EQUITRANS, L P	PL	BRITTON, DeWAYNE & JUDITH
461	503696.93	4344212.27	8507745	NA	NA	BEACON RESOURCES CORP.	ND	TAYLOR, RAY REX
462	509543.3	4345228.8	1704281	8/8/1996	8/8/1996	KEY OIL COMPANY	AC	GRIDER, HOWARD
463	507803.4	4345693.9	8507813	10/4/1988	NA	PERKINS OIL & GAS INC	AC	FLANAGAN, GEORGE
464	500677.9	4349104.5	8506384	10/16/1983	NA	LIPPIZAN PETROLEUM, INC.	AC	GIEBELL, C. E. & MARY
465	508473.8	4351301.1	8507844	6/18/1989	NA	KEY OIL COMPANY	AC	MILLER, NORMAN
466	510953.9	4348175.5	1700291	4/1/1960	NA	RITCHIE PETROLEUM CORP.	AC	CARDER

467	509675.9	4355233.8	8507246	12/22/1984	NA	ENERVEST OPERATING L. L. C.	AC	MIHLBUAER, FRANCES
468	498097.9	4345255.1	8500398	2/4/1936	NA	OPERATOR UNKNOWN	PL	JAMES P. ROGERS HEIRS
469	499810.99	4342658.91	8504433	12/5/1979	NA	LIBERTY OIL & GAS CORP.	AC	BROADWATER, M. M.
470	497537.38	4341431.64	8507121	8/13/2001		LUCAS WELL SERVICE, INC.	PL	LITTLE KANAWHA SCD
471	509792	4340991.7	8504432	11/18/1979	NA	ABARTA OIL & GAS COMPANY	AC	HUDKINS
472	505490.7	4358807.5	8501634	3/12/1956	NA	OPERATOR UNKNOWN	PL	BRADFORD, W. H.
473	505490.7	4358807.5	8501634	3/21/1956	NA	OPERATOR UNKNOWN	PL	BRADFORD, W. H.
474	509884.2	4344438.6	1700292	1/20/1960	NA	OPERATOR UNKNOWN	AB	WALDO, J. E.
475	512760.9	4341479.3	1702559	10/25/1996	NA	ABARTA OIL & GAS COMPANY	AC	JAMES, EMMIT
476	512760.9	4341479.3	1702559	1/15/1980	10/25/1996	MERIDIAN EXPLORATION CORP.	AC	JAMES, EMMIT
477	498772.45	4341701.79	8507072	NA	NA	RARE EARTH MINERALS, INC.	ND	MAPLE, EUGENE R.
478	511394.6	4346462.2	1701262	6/28/1965	NA	OPERATOR UNKNOWN	AC	DOTSON, CLYDE
479	509137.4	4348063	1703454	9/16/1985	NA	ENERVEST OPERATING L. L. C.	AC	WALDO, GLEN
480	504075.5	4351783.77	8507323	NA	1/1/1900	EQT PRODUCTION COMPANY	ND	BETTENCOURT, ILA R.
481	502256.1	4347027	8509160	4/14/2005	7/27/2005	GASSEARCH CORPORATION	AC	SHELLHAS, EARL
482	508109.8	4345372.1	8507784	8/26/1988	NA	ENERGY CORPORATION OF AMERICA	AC	PRICE, THOMAS S.
483	499522.1	4346593.1	8503753	5/1/1978	NA	DEEM, J. F. OIL & GAS, LLC	AC	BUNNER, FRANK
484	499063.1	4340227.3	8501506	2/4/1954	NA	OPERATOR UNKNOWN	PL	CROSS, GARFIELD
485	502645.6	4342999.2	8508075	10/3/1991	NA	ENERGY CORPORATION OF AMERICA	AC	KNIGHT, KARL
486	506786	4341638.2	8502688	5/1/1963	NA	JESAM ENERGY	AC	HALL, S. L.
487	501447.6	4343423.5	8503556	11/1/1974	NA	BLAUSER WELL SERVICES, INC.	AC	WILSON, EARL
488	507488.27	4349541.63	8509794	4/7/2009	8/24/2009	KEY OIL COMPANY	AC	SELLERS, DENNIS
489	511744.7	4343346.1	1700768	9/1/1991	NA	FLUHARTY ENTERPRISES INC	AC	PRIMM, OLIN
490	511744.7	4343346.1	1700768	9/1/1991	NA	FLUHARTY ENTERPRISES INC	AC	PRIMM, OLIN
491	501715.82	4349373.27	8506459	NA	NA	RARE EARTH MINERALS, INC.	ND	HAZELBAKER, BRENDEN
492	508347.9	4349147.5	8501285	1/1/1950	NA	OPERATOR UNKNOWN	PL	DOTSON, ARMSTRONG - HEIRS
493	508347.9	4349147.5	8501285	1/29/1952	NA	OPERATOR UNKNOWN	PL	DOTSON, ARMSTRONG - HEIRS
494	510077.1	4344503.3	1704284	8/19/1996	8/19/1996	KEY OIL COMPANY	AC	PHILLIPS, ROBERT E.
495	503656.2	4342510.8	8501371	8/14/1951	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	KNIGHT, ALPHA
496	499257.5	4345254.9	8508361	9/19/1994	NA	CHARITY GAS, INC.	AC	McGINNIS HEIRS
497	510061.7	4343971.8	1704315	10/31/1996	10/31/1996	KEY OIL COMPANY	AC	POLING, CHARLES
498	510727	4342889.6	1701333	11/18/1965	NA	ENERGY CORPORATION OF AMERICA	AC	LEGGETT, RALPH
499	503885	4348670.6	8507843	6/8/1989	NA	DEVONIAN APPALACHIAN COMPANY INC	AC	RICHARD, HOMER JUNIOR
500	498097.5	4341980.8	8501598	11/17/1955	NA	OPERATOR UNKNOWN	PL	BRISBIN, W. R.
501	511662.6	4344441.2	1704227	11/15/1995	11/15/1995	KEY OIL COMPANY	AC	RICHARDS, RAY
502	510439.2	4343094.5	1701337	11/30/1965	NA	OPERATOR UNKNOWN	PL	LEGGETT, RALPH

503	510439.2	4343094.5	1701337	5/20/1966	NA	OPERATOR UNKNOWN	PL	LEGGETT, RALPH
504	501625.59	4341564.03	8507868	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	DODD, MAX D.
505	501704.1	4341983.4	8501424	8/8/1952	NA	APPLIED MECHANICS CORP.	AC	WILSON, L. C.
506	508601.3	4352364.3	8506254	5/25/1983	NA	ENERGY CORPORATION OF AMERICA	AC	MULVAY, EDWIN D.
507	507229.2	4357115.7	8505259	10/23/1981	NA	ABARTA OIL & GAS COMPANY	AC	ELLIS, GLEN
508	509777.9	4350803.3	8507825	12/13/1988	NA	KEY OIL COMPANY	AC	McCULLOUGH, GARY I.
509	508329.36	4348173.03	8504243	6/2/1979	12/1/1998	CARNEGIE PRODUCTION CO	PL	DOTSON, ROGER D.
510	509934.6	4354139	8507729	1/31/1988	NA	APPALACHIAN ENERGY DEV INC	AC	LANGON, VERA
511	498997.4	4342533.7	8502481	12/3/1961	NA	OPERATOR UNKNOWN	AB	BAILEY, A. W.
512	506489	4353505.8	8505968	12/3/1982	NA	EXCO RESOURCES (WV), INC.	AC	HAYMOND, H. K., JR.
513	504948	4347962.5	8507895	7/16/1990	NA	ENERGY CORPORATION OF AMERICA	AC	DAMERON, RUSSELL E.
514	507123.8	4345500	8504576	11/16/1987	NA	PERKINS OIL & GAS INC	AC	WESTVACO CORP.
515	507807.08	4348310.08	8504225	2/5/1979	NA	HAUGHT, GLENN L. & SONS	ND	THOMAS, I. H.
516	502914.3	4352456.6	8506423	10/25/1983	NA	AMTECH ENERGY INC	AC	DENNING, W. F.
517	508316.39	4342378.56	8507699	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	PRIBBLE, ORA M.
518	507585.8	4354216.8	8505828	11/11/1982	NA	EXCO RESOURCES (WV), INC.	AC	HAYMOND
519	507474.8	4352491.9	8505573	6/29/1982	NA	ENERGY CORPORATION OF AMERICA	AC	HICKMAN, CHANDOS
520	506965.1	4354681.9	8501062	6/26/1945	NA	SHALE SERVICE, INC.	AB	RIGGS, G. A. - HEIRS
521	496333.76	4345073.67	8507455	12/29/1985	NA	VENTURE PETROLEUM, INC.	AB	EPPERLY, PAUL
522	506900	4353846	8510057	9/24/2013	NA	ANTERO RESOURCES CORPORATION	NAVL	HAYMOND, ANNIE B. ET AL
523	506107.9	4355395.3	8500859	12/26/1941	NA	OPERATOR UNKNOWN	AB	DOAK, JOHN R.
524	507415.7	4346982.1	8507834	1/29/1989	NA	FLUHARTY ENTERPRISES INC	AC	DAUGHERTY, EARL & MARY
525	507488.1	4355473	8507701	10/15/1987	NA	APPALACHIAN ENERGY DEV INC	AC	RIDGEWAY, CARL W.
526	500392.6	4347834.6	8501248	12/26/1947	NA	DOMINION TRANSMISSION INC	PL	WILSON, ANNA K.
527	500392.6	4347834.6	8501248	10/17/1948	NA	DOMINION TRANSMISSION INC	PL	WILSON, ANNA K.
528	513818	4342782	1706370	11/21/2013	NA	ANTERO RESOURCES CORPORATION	NAVL	HORTON, JUDY A.
529	508793	4342504.5	8504479	1/22/1980	NA	MOUNTAIN V OIL & GAS, INC.	AC	ANDERSON & VANCAMPEN
530	504913.5	4351571.7	8507349	8/12/1985	NA	ENERVEST OPERATING L. L. C.	AC	JACKSON, GLADYS
531	507350.2	4348093.4	8507601	2/2/1987	NA	ENERVEST OPERATING L. L. C.	AC	WILSON, BARR & KATHLEEN
532	502512.56	4340902.61	8503922	12/13/1917	12/14/1993	CARNEGIE PRODUCTION CO	PL	ELDER, HARLEY R.
533	502512.56	4340902.61	8503922	12/14/1993	NA	CARNEGIE PRODUCTION CO	PL	ELDER, HARLEY R.
534	500780.5	4339115.8	8509114	8/25/2004	1/12/2005	STALNAKER ENERGY CORPORATION	AC	RICHARDS, ARNOLD K., ETUX
535	501886	4349952	8510100	6/24/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	NOLAND, DARRELL A. , ET A
536	508451.8	4356714.3	8506962	6/30/1984	NA	ENERGY CORPORATION OF AMERICA	AC	HOSKINS, WILSON
537	511850	4343159	1706293	8/21/2013	NA	ANTERO RESOURCES APPALACHIAN CORP	NAVL	WILLIAMS, ROBERT
538	509692.2	4343633.1	1704409	12/10/1997	12/10/1997	KEY OIL CO.	AC	WHITEHAIR, DONALD W.

539	506974.5	4350317.1	8507352	8/5/1985	NA	ENERGY CORPORATION OF AMERICA	AC	WELLS, SAMP & MARY
540	504365.1	4353924.3	8507096	8/21/1984	NA	ENERVEST OPERATING L. L. C.	AC	ROBERTSON, RICHARD
541	496176.2	4340889.6	8506744	11/6/1983	NA	MID-AMERICAN PETROLEUM INC	AC	GOFF, ADRON L.
542	508805.8	4356537.5	8507922	3/10/1990	NA	PARDEE EXPLORATION COMPANY	AC	LASATER, JAMES D.
543	502211.7	4341871.6	8507859	8/18/1989	NA	ENERGY CORPORATION OF AMERICA	AC	DODD, MAY D.
544	503479.9	4346882.6	8508073	9/26/1991	NA	ENERGY CORPORATION OF AMERICA	AC	BARNARD, JOHN
545	504761.9	4343435.1	8507688	NA	NA	GASSEARCH CORPORATION	AC	FERIS, ROSE, ETAL
546	504761.9	4343435.1	8507688	11/28/1987	NA	GASSEARCH CORPORATION	AC	FERIS, ROSE, ETAL
547	508038.7	4351848.2	8507833	2/8/1989	NA	KEY OIL COMPANY	AC	DOTSON, EVERETT
548	500211.1	4349023.9	8506383	8/12/1983	NA	LIPPIZAN PETROLEUM, INC.	AC	BIEBELL, C. E. & MARY
549	509564.5	4354219	8508028	4/27/1991	NA	APPALACHIAN ENERGY DEV INC	AC	CHRISTIAN YOUTH CAMP
550	499917.8	4340499.9	8501539	8/14/1955	NA	OPERATOR UNKNOWN	PL	RIDDLE, A. V. - HEIRS
551	499917.8	4340499.9	8501539	8/10/1954	NA	OPERATOR UNKNOWN	PL	RIDDLE, A. V. - HEIRS
552	506912.3	4347931.9	8507891	11/3/1989	NA	ENERGY CORPORATION OF AMERICA	AC	WILSON, BARR
553	508488.2	4352847.3	8505025	2/1/1981	NA	ENERGY CORPORATION OF AMERICA	AC	MULVAY, EDWIN
554	507834.52	4344832.32	8507355	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	WV PULP & PAPER
555	513047.9	4342536.3	1703051	12/14/1981	NA	ALAMCO INC	AC	LOYD, CLIFFORD F.
556	508454.8	4353911.7	8505985	6/20/1983	NA	ENERGY CORPORATION OF AMERICA	AC	HICKMAN, DOLPH, ETUX
557	511856	4343158	1706621	11/14/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	WILLIAMS, ROBERT
558	503107.5	4352182.9	8504900	6/12/1980	9/12/1980	LAMAR OIL & GAS CO., INC.	AC	WAGGONER, KENNETH
559	495939.7	4343933	8503358	3/1/1970	NA	OPERATOR UNKNOWN	PL	SHEARER, NELLIE H.
560	501486.6	4346858.3	8504415	11/30/1979	NA	DEEM, J. F. OIL & GAS, LLC	AC	SIMMONS, CARL H.
561	504877.5	4353555.9	8500601	11/10/1943	NA	OPERATOR UNKNOWN	PL	NUTTER, OKEY E.
562	509417.7	4355910	8507006	9/6/1984	NA	ENERGY CORPORATION OF AMERICA	AC	KOEHNLEIN, JOHN & DONNA
563	502868	4347011.1	8509153	3/14/2005	4/18/2005	GASSEARCH CORPORATION	AC	WILSON, ROCK S.
564	504481	4344473.6	8503551	5/5/1975	NA	OPERATOR UNKNOWN	PL	GOFF, NORMA J.
565	499789	4345126.1	8508373	9/19/1994	NA	CHARITY GAS, INC.	ABODR	McGINNIS HEIRS
566	513076.58	4343510.01	1700243	11/4/2013	12/6/2013	CNX GAS COMPANY LLC	PL	SQUIRES, R. LEGGETT
567	495995	4343297.3	8503364	5/22/1970	NA	ROSS AND WHARTON GAS COMPANY, INC	AC	SHEARER, MICHAEL P.
568	510945	4343269	1706701	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	WEBB, JAMES E.
569	504554.1	4341341.2	8509242	11/14/2005	4/27/2007	GASSEARCH CORPORATION	AC	BARTLETT, PAUL A.
570	506904	4353859	8510037	5/31/2013	NA	ANTERO RESOURCES APPALACHIAN CORP	NAVL	ANNIE B. HAYMOND, ET AL
571	513812	4342775	1706660	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	HORTON, JUDY A.
572	506119	4347564	8504245	7/5/2006	10/26/2006	EQT PRODUCTION COMPANY	PL	GILLWATER, LOUIS ANN
573	504177.3	4345864.4	8509931	11/21/2011	8/6/2012	EQT PRODUCTION COMPANY	AC	BRITTON, DEWAYNE, ET UX
574	500310.6	4340380.6	8504446	2/3/1980	NA	SANCHO OIL & GAS CORPORATION	AC	ELDER, MARY

575	508633.09	4344585.43	8507787	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	WESTVACO CORP.
576	508881	4343235	8510190	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	MACKAY, JACK D., ET AL
577	498930.49	4341980.99	8507261	2/7/1985	NA	CHARITY GAS, INC.	AC	MORGAN, MARTHA
578	509290.8	4343117.2	8504411	11/9/1979	NA	MOUNTAIN V OIL & GAS, INC.	AC	ANDERSON AND VAN CAMPEN
579	496995.2	4343505.4	8504379	9/18/1979	NA	DEEM, J. F. OIL & GAS, LLC	AB	JACKSON, ROBERT
580	513561.6	4342893	1702445	7/26/1979	NA	OHIO L & M COMPANY INC	AC	MAY, STELLA
581	503873.7	4342203	8503805	1/1/1978	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	TAYLOR, HARRY
582	503351.7	4345610.1	8508385	3/26/1995	3/26/1995	ENERGY CORPORATION OF AMERICA	AC	COOK, ROBERT & BETTY A.
583	504762.3	4342301.9	8501425	9/30/1952	NA	OPERATOR UNKNOWN	PL	TAYLOR, T. F., ETAL
584	499715.7	4347383.8	8501193	11/14/1947	NA	DOMINION TRANSMISSION INC	PL	LAMBERT, L. L.
585	507843.5	4349730.7	8501255	12/26/1948	NA	OPERATOR UNKNOWN	AB	DOTSON, THEODOSIA
586	506034.5	4340633.5	8504808	6/29/1980	NA	MOUNTAIN V OIL & GAS, INC.	AC	RICHARDS, BERNARD
587	501966.1	4347800	8508202	NA	12/2/1928	RITCHIE PETROLEUM CORP.	AC	WILSON, G. W.
588	507702.3	4350301.6	8507094	9/16/1984	NA	ENERGY CORPORATION OF AMERICA	AC	TOOTHMAN, DEXTER & LINDA
589	500878	4339665.2	8501488	9/1/1953	NA	RICHARDS, C W & J E	PL	STARKEY, S. B.
590	501679	4340740	8501423	9/7/1952	NA	OPERATOR UNKNOWN	PL	BROADWATER, FRANK P.
591	497212.1	4345255.4	8507335	3/19/1985	NA	RARE EARTH MINERALS, INC.	AB	JACKSON, ROBERT P.
592	502957.9	4344998.6	8509989	3/26/2013	10/6/2013	EQT PRODUCTION COMPANY	NAVL	MARY JANE WILSON ET AL
593	506683.8	4351476.5	8507067	9/9/1984	NA	ENERGY CORPORATION OF AMERICA	AC	DePINHO, ALFRED, JR.
594	505952.6	4342517.9	8507850	7/12/1989	NA	ENERGY CORPORATION OF AMERICA	AC	GILLILAND, WILLIAM S.
595	505574	4350638	8507282	2/16/1985	NA	ENERGY CORPORATION OF AMERICA	AC	WOOD, THAYER A.
596	512101.1	4341639.3	1704669	4/15/2002	6/26/2002	KEY OIL COMPANY	AC	GAINS, FLORIDA
597	503137.4	4342594.25	8507508	NA	NA	BEREA OIL & GAS CORP	ND	BAKER, EDGAR K.
598	504812.5	4339552.2	8503928	3/29/1985	NA	CARNEGIE PRODUCTION CO	AC	RIGGS, CLINE
599	504812.5	4339552.2	8503928	3/29/1985	NA	CARNEGIE PRODUCTION CO	AC	RIGGS, CLINE
600	509723.68	4355869.46	8507801	NA	NA	APPALACHIAN ENERGY DEV INC	ND	BEEN, MITCHELL R.
601	495633.95	4341332.17	8502115	11/1/1959	1/1/1900	STALNAKER ENERGY CORPORATION	PL	WV PUBLIC LAND CORP.
602	504078.4	4348252	8507984	10/20/1990	NA	ENERGY CORPORATION OF AMERICA	AC	WISEMAN, CATHERINE
603	507299.6	4349353.2	8501150	NA	NA	OPERATOR UNKNOWN	AB	HICKMAN, B. H.
604	510494.4	4347283.9	1701410	10/28/1966	NA	ROGERS, W LESLIE	AB	DOTSON, E. H.
605	513057	4341816	1702631	9/10/2012	NA	OHIO L & M COMPANY INC	AC	JAMES, MRS. ELAINE
606	513057	4341816	1702631	3/28/1980	NA	UNITED OPERATING COMPANY	AC	JAMES, MRS. ELAINE
607	513805	4342769	1706658	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	HORTON, JUDY A.
608	504941.13	4349855.91	8507359	NA	1/1/1900	EQT PRODUCTION COMPANY	ND	WILSON, GLENN V., ETAL
609	512713	4343575	1706564	9/3/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	PRIMM, OLIN E. & MARY
610	507084.6	4353168.1	8505733	7/27/1982	NA	ENERGY CORPORATION OF AMERICA	AC	HICKMAN, CHANDOS

611	509095.6	4350308.7	8502329	6/14/1961	NA	OPERATOR UNKNOWN	PL	JONES, RAY C.
612	509095.6	4350308.7	8502329	8/15/1961	NA	OPERATOR UNKNOWN	PL	JONES, RAY C.
613	499251.12	4342286.75	8507253	1/26/1985	NA	CHARITY GAS, INC.	AC	MORGAN, MARTHA
614	509816.2	4345937.8	1704229	4/30/1996	4/30/1996	ENERGY CORPORATION OF AMERICA	AC	HILL, PEARL H.
615	506889	4353843	8509969	NA	NA	ANTERO RESOURCES APPALACHIAN CORP	NI	HAYMOND, ANNIE (LIFE)
616	507061.3	4354995.6	8500648	4/29/1938	NA	OPERATOR UNKNOWN	AB	MCCULLOUGH, J. L. - HEIRS
617	504357.3	4346379.4	8503350	3/19/1970	NA	OPERATOR UNKNOWN	PL	TAYLOR, E. R.
618	504203.7	4354890.6	8507034	8/6/1984	NA	ENERVEST OPERATING L. L. C.	AC	HOLDEN, HOMER & BARBARA
619	509386.1	4344132	1702909	1/10/1981	NA	NIGHT OWL WELL SERVICE	AC	DOTSON, H. O.
620	499892.58	4346531.46	8508379	NA	10/1/1994	CHARITY GAS, INC.	ABODR	MAHANEY, WAYMOND & MARY
621	506075.6	4347174.1	8508173	10/27/1993	10/27/1993	KEY OIL COMPANY	AC	WV. RAILROAD MAINTENANCE
622	506903.8	4354128	8501103	NA	NA	DOMINION TRANSMISSION INC	AB	NUTTER, OKEY E.
623	503240.3	4343982	8508639	9/27/1999	NA	PREMMA OIL & GAS, LLC	AC	TAYLOR, REX RAY
624	510967	4347134	1706432	1/28/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	HOLLAND, ROBERT L. JR.
625	510968	4347131	1706431	1/28/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	HOLLAND, ROBERT L. JR.
626	497599.1	4346753.1	8507398	6/23/1985	NA	RARE EARTH MINERALS, INC.	AC	LEMICH, CHARLES
627	503152	4350021	8510088	3/12/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	DEWBERRY, LINDA C. TRUST
628	496033.2	4345674.6	8505239	10/10/1981	NA	TRANS-CAPITAL INVESTMENT GROUP IN	ABODR	FOX, RUSSELL E.
629	498493.57	4339645.86	8507596	NA	1/1/1900	WACO OIL & GAS CO INC	ND	STARR, H. D.
630	497711.7	4346431	8507400	6/27/1985	NA	RARE EARTH MINERALS, INC.	AC	LEMICH, CHARLES
631	510943	4343268	1706699	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	WEBB, JAMES E.
632	511092.2	4345698	1704261	7/16/1996	7/16/1996	KEY OIL COMPANY	AC	SHEETS, ERIE D.
633	509425.7	4345648.2	1702834	11/30/1980	NA	W VA JOINT VENTURE	AC	ELLIFRITI, V. OLIVE - HRS
634	498726.1	4345965	8503148	8/30/1966	NA	OPERATOR UNKNOWN	PL	MCCLASKEY, M. H.
635	498726.1	4345965	8503148	9/8/1966	NA	OPERATOR UNKNOWN	PL	MCCLASKEY, M. H.
636	506174.36	4358129.89	8507128	NA	NA	ENERGY CORPORATION OF AMERICA	ND	JONES, CLARENCE & CLIFFORD
637	511248.7	4341557.5	1702796	9/16/1996	NA	ABARTA OIL & GAS COMPANY	AC	CUNNINGHAM, RALPH
638	511248.7	4341557.5	1702796	9/5/1980	9/16/1996	MERIDIAN EXPLORATION CORP.	AC	CUNNINGHAM, RALPH
639	507704.9	4345480.5	8502127	12/8/1959	NA	OPERATOR UNKNOWN	PL	FLANAGAN, M. R.
640	507704.9	4345480.5	8502127	11/10/1959	NA	OPERATOR UNKNOWN	PL	FLANAGAN, M. R.
641	505365.9	4342025.2	8502585	10/16/1962	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	PRIMM, A. C.
642	504215.1	4343531.5	8506881	4/2/1984	NA	OPERATOR UNKNOWN	AC	TAYLOR, DALE WARREN
643	500274.9	4340049	8501502	11/1/1953	NA	RICHARDS, C W & J E	PL	ELDER, ELDEN H.
644	503566.3	4343105.9	8501505	11/25/1953	NA	OPERATOR UNKNOWN	AB	TAYLOR, E. R. - HEIRS
645	512229.9	4343096.7	1700507	1/21/1961	NA	FLUHARTY ENTERPRISES INC	AB	POWELL, ROBERT
646	510113.3	4341314.3	8504800	6/3/1980	NA	ABARTA OIL & GAS COMPANY	AC	GOODWIN, PAUL K.

647	506305.3	4343887.2	8507704	10/27/1987	NA	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
648	504120.1	4340583.9	8507846	10/20/1989	NA	ENERGY CORPORATION OF AMERICA	AC	LAMM, IRA
649	507651.04	4355695.73	8504551	NA	1/1/1900	UNKNOWN - DEP PAID PLUGGING CONTR	ND	McCULLOUGH, BEN
650	507572.9	4350865.3	8508098	5/22/1992	NA	APPALACHIAN ENERGY DEV INC	AC	THOMAS, J L & JUANITA
651	500932	4339168	8501419	8/6/1952	NA	APPLIED MECHANICS CORP.	AC	HODGE, A. H.
652	499354.1	4344691.2	8508367	9/19/1994	NA	CHARITY GAS, INC.	AC	McGINNIS HEIRS
653	508282.9	4349207	8507109	9/30/1984	NA	ENERGY CORPORATION OF AMERICA	AC	COSTILOW, EUGENE
654	501720.9	4346308.4	8500980	6/26/1943	NA	OPERATOR UNKNOWN	AC	THOMAS, JOHN P., ETAL
655	506039.2	4343090.7	8502395	3/10/1972	NA	MOUNTAIN STATE OIL COMPANY LLC	PL	TAYLOR, E. J. - HEIRS
656	506039.2	4343090.7	8502395	8/11/1961	NA	MOUNTAIN STATE OIL COMPANY LLC	PL	TAYLOR, E. J. - HEIRS
657	506763.6	4354385.4	8501001	12/1/1943	NA	DOMINION TRANSMISSION INC	PL	RIGGS, G. A. - HEIRS
658	507107	4357599.5	8503236	9/1/1967	NA	OPERATOR UNKNOWN	PL	HAYMOND, REVESIE
659	508045.2	4348199.1	8501309	6/16/1950	NA	CARNEGIE PRODUCTION CO	PL	HAMMOND, H. L.
660	508045.2	4348199.1	8501309	8/10/1950	NA	CARNEGIE PRODUCTION CO	PL	HAMMOND, H. L.
661	504551	4351845	8510180	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	JACKSON, STEPHEN C. ET AL
662	510617.9	4343037.7	1700215	11/2/1955	NA	P & M OIL COMPANY	PL	LEGGETT, RALPH
663	503148	4350026	8510165	10/28/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	DEWBERRY, LINDA C. TRUST
664	498871.2	4347026.7	8507257	1/4/1985	NA	PRIOR, FERRELL L	AC	MOORE, GENE R.
665	508962.28	4349120.85	8504227	NA	1/1/1900	HAUGHT, GLENN L. & SONS	ND	COCHRAN, C. Q. - HEIRS
666	510445.9	4344746.7	1704270	7/10/1996	7/10/1996	KEY OIL COMPANY	AC	PHILLIPS, ROBERT E.
667	500749.2	4342701	8503554	11/1/1974	NA	BLAUSER WELL SERVICES, INC.	AC	WILSON, EARL
668	511463.8	4344877.1	1704304	10/17/1996	10/17/1996	KEY OIL COMPANY	AC	SHEETS, ERIE D.
669	501251.1	4341375.5	8501342	9/1/1950	NA	APPLIED MECHANICS CORP.	AB	GRUBB, C. B., ETAL
670	504642.3	4347543.6	8507916	7/7/1990	NA	ENERGY CORPORATION OF AMERICA	AC	JONES, FLOYD W.
671	498903.3	4346253.5	8508345	6/22/1994	10/1/1994	APPLIED MECHANICS CORP.	AB	MOORE, WILLIAM, ETAL
672	503230	4351665	8510162	12/5/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	WAGGONER, EDDY D. ET AL
673	500957.6	4338664.8	8505303	11/5/1981	NA	APPLIED MECHANICS CORP.	AC	RICHARDS, A. K.
674	503989.8	4343885.7	8507766	4/20/1988	2/15/1993	GASSEARH CORPORATION	AC	TAYLOR, RAY REX
675	510131	4347127	1706475	5/1/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	McCLOY, ALVADORE JR ET UX
676	508752.6	4352871.4	8502430	5/22/1963	NA	OPERATOR UNKNOWN	PL	LANTZ, MARSH
677	503136	4350043	8510157	10/24/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	DEWBERRY, LINDA C. TRUST
678	505292.26	4358572.07	8506927	NA	NA	ENERGY CORPORATION OF AMERICA	ND	BISHOP, OLEY J.
679	503825.8	4342556.5	8501364	10/6/1951	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	KNIGHT, ALPHA
680	507908.4	4353378.3	8507907	1/20/1990	NA	APPALACHIAN ENERGY DEV INC	AC	LANTZ, RALPH, ETUX
681	497759.9	4345899.4	8507589	3/4/1987	NA	STALNAKER ENERGY CORPORATION	AC	BIALEK, MICHAEL
682	497759.9	4345899.4	8507589	9/19/2001	NA	CHARITY GAS, INC.	AC	BIALEK, MICHAEL

683	506116.3	4356889.3	8509338	5/8/2006	NA	PETROEDGE RESOURCES (WV), LLC	ND	J. C. HAMER COMPANY
684	511372.9	4346162.5	1700851	8/16/1962	NA	OPERATOR UNKNOWN	PL	DOTSON, L. O.
685	504547.32	4342487.1	8508086		NA	ENERGY CORPORATION OF AMERICA	ND	TAYLOR, HARRY J.
686	499487.2	4346400.4	8507266		NA	1/1/1900 PRIOR, FERRELL	ND	MOORE, RAYMOND P.
687	504429.8	4353182.1	8509231	9/29/2005	NA	PERKINS OIL & GAS INC	AC	HANLON, MICHAEL & SABRINA
688	507136.52	4347727.92	8503984	4/29/1988	NA	EQUITRANS, L P	PL	WILSON, BARR
689	504766.5	4355148.7	8506683	4/3/1984	NA	ENERVEST OPERATING L. L. C.	AC	NELSON, DANA
690	512010.5	4345457.7	1704258	6/17/1996		6/17/1996 KEY OIL COMPANY	PL	DOTSON, PAUL
691	507942.9	4351042.8	8506921	6/21/1984	NA	ENERGY CORPORATION OF AMERICA	AC	POOLE, E. H.
692	511467.6	4342533.6	1702534	12/12/1979	NA	PETROLEUM DEVELOPMENT CORPORATION	AC	McGEE, L. S.
693	512719	4343582	1706192	3/27/2013	NA	ANTERO RESOURCES APPALACHIAN CORP	NAVL	PRIMM, OLIN E. AND MARY
694	505083.5	4343515.9	8507823	12/21/1988		10/1/1992 GASSEARCH CORPORATION	AC	FERIS, ROSE, ETAL
695	505083.5	4343515.9	8507823	10/1/1992	NA	GASSEARCH CORPORATION	AC	FERIS, ROSE, ETAL
696	510867.2	4345375.5	1703951	6/15/1992		6/15/1992 FLUHARTY ENTERPRISES INC	AC	SHEETS, ERIE D.
697	504973.1	4342174	8502694	4/1/1963	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	PRIMM, A. C.
698	498758	4340963.3	8502970	7/25/1968	NA	OPERATOR UNKNOWN	PL	RYMER, LUCILLE, ETAL
699	507175.4	4350887.5	8501852	5/27/1958	NA	OPERATOR UNKNOWN	PL	DOTSON, E. R.
700	500196	4339032.5	8501530	8/21/1954	NA	APPLIED MECHANICS CORP.	AC	WILSON, R.
701	501514.7	4350475	8508862	12/27/2001		2/1/2002 KEY OIL COMPANY	AC	WALNUT INVESTMENT CO.
702	506595.5	4351232.9	8502233	10/18/1960	NA	OPERATOR UNKNOWN	AB	MCKINLEY, JOHN B. - HEIRS
703	500426.5	4339534.5	8509240	11/1/2005		2/16/2006 STALNAKER ENERGY CORPORATION	AC	WILSON, RUBY DOTSON
704	506904.6	4354611.9	8500966	5/26/1943	NA	CHARITY GAS, INC.	AC	RIGGS, G. A. - HEIRS
705	505237.3	4348719.7	8508125	9/9/1992	NA	MURVIN & MEIER OIL CO.	AC	BOYLEN, VERNETTA, ETAL
706	500847.14	4350333.39	8509535	2/21/2007		6/27/2007 KEY OIL COMPANY	PL	DAVIS, MICHAEL & DEBERA
707	503835	4352215.4	8507337	5/30/1985	NA	ENERVEST OPERATING L. L. C.	AC	PERKINS, MARIE, ETAL
708	508340.5	4356836.7	8500625	12/23/1937	NA	OPERATOR UNKNOWN	PL	DARNELL, G. H.
709	508340.5	4356836.7	8500625	4/5/1942	NA	OPERATOR UNKNOWN	PL	DARNELL, G. H.
710	500523.5	4340868.4	8503365	10/30/1975	NA	BIG D INDUSTRIAL EQUIPMENT INC	PL	ELDER, R. W. - HEIRS
711	506872.4	4356616.1	8505261	12/12/1981	NA	CHASE PETROLEUM, INC.	AB	McCULLOUGH, HELEN N.
712	497758.98	4346927.7	8507715		NA	1/1/1900 MOUNTAIN STATE OIL COMPANY LLC	ND	GILLILAND, WILLIAM S.
713	499715.7	4347383.8	8501193	9/26/1947	NA	DOMINION TRANSMISSION INC	PL	LAMBERT, L. L.
714	502291.5	4344013.8	8506391	4/24/1983	NA	RITCHIE PETROLEUM CORP.	AC	TAYLOR, RAY REX
715	496593.4	4343329.9	8503451	1/1/1972	NA	RITCHIE PETROLEUM CORP.	AC	SHEARER, MICHAEL P., ETAL
716	509241.8	4355056.1	8507243	1/5/1985	NA	ENERVEST OPERATING L. L. C.	AC	MIHLBAUER, FRANCES, ETAL
717	511906.8	4342476.5	1704341	2/15/1997		2/15/1997 PETROLEUM DEVELOPMENT CORPORATION	AC	ADAMS, ARCHIE
718	510698.6	4348419.5	1704696	8/7/2002		11/5/2002 KEY OIL COMPANY	AC	CURTIS, DELRAY

719	505792.2	4341954	8507849	7/30/1989	NA	ENERGY CORPORATION OF AMERICA	AC	OSTROWSKY, FRANK J.
720	509561	4357118.2	8507309	3/7/1985	NA	ENERGY CORPORATION OF AMERICA	AC	GRIFFIN, EDITH HESS
721	501579.1	4350748.8	8509275	2/14/2006	7/16/2007	KEY OIL COMPANY	AC	NOLAND, DARRELL & JOY
722	502110.5	4349734.2	8506458	6/9/1983	NA	RARE EARTH MINERALS, INC.	AC	HAZELBAKER, BRENDEN
723	498569.4	4342708.8	8504164	11/17/1978	NA	RITCHIE PETROLEUM CORP.	AC	BARNARD, T. J.
724	498968.43	4342002.32	8504468	NA	1/1/1900	LIBERTY OIL & GAS CORP.	ND	BROADWATER, M. M.
725	503671.33	4345291.38	8507876	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	FERRELL, MARY SUE
726	513238.7	4342455.3	1702488	10/3/1979	NA	OHIO L & M COMPANY INC	AC	CUNNINGHAM
727	507645.4	4350793.2	8503151	10/14/2005	NA	PERKINS OIL & GAS INC	AC	DOTSON, OLLIE BELL
728	507645.4	4350793.2	8503151	NA	1/1/1900	PERKINS OIL & GAS INC	AC	DOTSON, OLLIE BELL
729	507645.4	4350793.2	8503151	12/7/1966	NA	PERKINS OIL & GAS INC	AC	DOTSON, OLLIE BELL
730	507645.4	4350793.2	8503151	1/24/1930	1/1/1900	PERKINS OIL & GAS INC	AC	DOTSON, OLLIE BELL
731	503111.7	4343740.2	8506687	10/4/1983	NA	ALLSTATE ENERGY CORP	AC	TAYLOR, RAY REX
732	509697	4351205.8	8507824	12/19/1988	NA	KEY OIL COMPANY	AC	McCULLOUGH, GARY I.
733	510861.3	4342571.7	1704542	4/19/2000	2/17/2002	FLUHARTY ENTERPRISES INC	AC	ROY WHITEHAIR
734	505619.2	4354875.4	8506167	7/29/1983	NA	EXCO RESOURCES (WV), INC.	AC	HAYMOND, H. K., JR.
735	504967.8	4342494.4	8502683	2/1/1963	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	PRIMM, A. C.
736	510701.6	4346229	1703578	11/9/1988	NA	OPERATOR UNKNOWN	PL	JEVOHAH WITNESS CHURCH
737	506085.5	4355181.9	8506161	7/20/1983	NA	EXCO RESOURCES (WV), INC.	AC	HAYMOND, H. K., JR.
738	506886.2	4341616.8	8504605	NA	NA	JESAM ENERGY	AB	HALL, S. L.
739	503472.68	4343904.89	8507744	NA	NA	BEACON RESOURCES CORP.	ND	TAYLOR, RAY REX
740	502342	4342533.7	8503564	11/1/1974	NA	DEEM, J. F. OIL & GAS, LLC	AC	COTTRILL, RAY, ETAL
741	499895.9	4347599.6	8501180	6/26/1947	NA	OPERATOR UNKNOWN	AB	LAMBERT, L. L.
742	503652.2	4343692.3	8507755	3/14/1988	3/14/1988	GASSEARCH CORPORATION	AC	TAYLOR, DALE, ETAL
743	509053.2	4351237.3	8504684	NA	NA	NIGHT OWL WELL SERVICE	AB	GARNER, E. J.
744	500506.8	4342805.5	8506913	4/27/1984	NA	PETRO-MARK, INC.	AC	RIGGS, CLINE
745	502475.5	4352353.4	8501083	1/26/1946	NA	OPERATOR UNKNOWN	AB	SMITH, C.A.&J.W. WHALRY
746	501680.5	4343933.1	8500044	NA	NA	OPERATOR UNKNOWN	PL	BARNARD, T.J. & CHARLES
747	501953.7	4341466.7	8503565	1/3/1975	NA	MURVIN & MEIER OIL CO.	PL	DODD, MAX & LAURA
748	510703.7	4342347.5	1702441	6/11/1979	NA	W VA JOINT VENTURE	AC	ROSS, C. E.
749	497976.49	4341178.39	8505376	7/30/2001	9/7/2001	LUCAS WELL SERVICE, INC.	PL	MAPLE, EUGENE R.
750	497976.49	4341178.39	8505376	2/27/1982	NA	LITTLE KANAWHA SOIL CONSERVATION	PL	MAPLE, EUGENE R.
751	499483	4345303.3	8508364	9/19/1994	NA	CHARITY GAS, INC.	ABODR	McGINNIS HEIRS
752	501198.4	4342016.3	8501429	10/18/1952	NA	APPLIED MECHANICS CORP.	AC	WILSON, BARR
753	500581.8	4339070.9	8501449	3/1/1953	NA	APPLIED MECHANICS CORP.	AC	TURNER, ETHEL M.
754	506085.1	4355713.4	8507120	10/4/1984	NA	ENERVEST OPERATING L. L. C.	AC	PRATT, W. S., ETAL

755	499984.03	4340609.08	8506741	NA	1/1/1900	PRIOR, FERRELL L	ND	RIDDLE, A. V.
756	501306	4346295.8	8500985	8/26/1946	NA	OPERATOR UNKNOWN	PL	SCHULTE, H. C.
757	501306	4346295.8	8500985	3/21/1969	NA	OPERATOR UNKNOWN	PL	SCHULTE, H. C.
758	510971	4347120	1706640	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	HOLLAND, ROBERT L. JR.
759	507973	4353072.3	8505679	7/22/1982	NA	ENERGY CORPORATION OF AMERICA	AC	HICKMAN
760	502063.5	4344691.5	8507829	3/17/1989	NA	GASSEARCH CORPORATION	AC	WILSON, J., ETAL
761	506927.4	4348978.9	8508056	5/6/1991	NA	KEY OIL COMPANY	AC	P. M. MANAGEMENT
762	505337.4	4354168.1	8502856	4/15/1965	NA	C G & R OIL & GAS CO	PL	NUTTER, O. E.
763	509182.1	4352394.8	8505041	2/10/1981	NA	INTERSTATE PRODUCTION CO	AC	BARTLETT, M. D.
764	503574.7	4351055.6	8508942	6/3/2003	11/12/2003	KEY OIL COMPANY	AC	JOHNSON, BETTY D.
765	510636.7	4346551	1704282	7/23/1996	7/23/1996	KEY OIL COMPANY	AC	STONER, WILBER E.
766	503563.9	4339583.7	8507588	2/17/1987	NA	DOMINION EXPLORATION & PRODUCTION	AC	STERNAMAN, ELIZABETH
767	506646.8	4357195.7	8509339	5/8/2006	NA	PETROEDGE RESOURCES (WV), LLC	ND	CINQMARS, TERESA
768	505302.4	4347705.1	8507988	12/11/1990	NA	ENERGY CORPORATION OF AMERICA	AC	BURNS, BETTY & JOHN J.
769	501303.5	4340201.7	8501540	10/1/1954	NA	APPLIED MECHANICS CORP.	AC	WILSON, JAMES A.
770	506970	4354541.8	8501076	8/26/1945	NA	OPERATOR UNKNOWN	AB	RIGGS, G. A. - HEIRS
771	503348.63	4345614.94	8507918	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	COOK, ROBERT M. & BETTY A
772	508490.2	4350978.9	8507214	3/21/1985	NA	ENERGY CORPORATION OF AMERICA	AC	COSTILOW, EUGENE
773	504273.3	4345224	8507892	11/27/1989	NA	ENERGY CORPORATION OF AMERICA	AC	BRITTON, DeWAYNE
774	505604.97	4341590.99	8503692	NA	1/1/1900	PRIOR, FERRELL L	ND	SNODGRASS, V. C.
775	506339.2	4341712.9	8504000	8/7/1998	NA	EQUITRANS, L P	PL	HALL, RUTH
776	496523.77	4342510.22	8501051	1/26/1945	1/22/1945	LITTLE KANAWHA SOIL CONSERVATION	PL	LITTLE KANAWHA SCD
777	509168.2	4349208	8507894	11/11/1989	NA	ENERGY CORPORATION OF AMERICA	AC	MARTIN, JULIUS
778	499599.1	4345929.6	8502373	7/23/1961	NA	CHARITY GAS, INC.	AC	McGINNIS, J. W.
779	504081.3	4345532.3	8503330	10/1/1969	NA	OPERATOR UNKNOWN	PL	TAYLOR, E. R. - HRS.
780	501122.2	4342238.9	8503561	1/1/1975	NA	BLAUSER WELL SERVICES, INC.	AC	WILSON, EARL
781	502463.7	4352472.5	8506422	11/9/1983	NA	STALNAKER ENERGY CORPORATION	AC	DENNING, W. F. - HEIRS
782	502480.8	4349476.6	8506856	2/14/1984	NA	LIPPIZAN PETROLEUM, INC.	AC	HUMPHREY, ROLLIN
783	496881.2	4343064.7	8503432	10/1/1971	NA	ROGERS, W LESLIE	AC	MOORE, G. W.
784	505819.8	4344806.2	8507676	8/20/2001	10/19/2001	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
785	509146.9	4353653.4	8507433	12/2/1986	NA	ENERGY CORPORATION OF AMERICA	AC	WV CHRISTIAN YOUTH CENTER
786	495797.1	4342257.1	8503392	11/1/1970	NA	DEEM, J. F. OIL & GAS, LLC	AC	CURREY, E. C.
787	507175.4	4350887.5	8501852	5/10/1958	NA	OPERATOR UNKNOWN	PL	DOTSON, E. R.
788	504335.4	4350257.9	8500463	NA	NA	OPERATOR UNKNOWN	PL	HAMMOND, B.C.
789	499531.3	4345093.9	8508370	9/19/1994	NA	CHARITY GAS, INC.	AC	McGINNIS HEIRS
790	501868.8	4350571.7	8509145	2/22/2005	8/13/2005	KEY OIL COMPANY	AC	WELLS, BRYAN & LISA

791	506638.7	4352117.4	8502420	11/1/1961	NA	ECOLOGICAL ENERGY INC	AC	TAYLOR, FLOYD, ETAL
792	503787.8	4350073.2	8506964	8/14/1984	NA	ENERVEST OPERATING L. L. C.	AC	SLEVIN, JOHN M.
793	504349.5	4353069.3	8509233	8/7/2008	11/21/2009	PERKINS OIL & GAS INC	PL	YUDT, MIKE & VICKKI
794	504349.5	4353069.3	8509233	9/29/2005	NA	PERKINS OIL & GAS INC	PL	YUDT, MIKE & VICKKI
795	511844	4343160	1706294	8/21/2013	NA	ANTERO RESOURCES APPALACHIAN CORP	NAVL	WILLIAMS, ROBERT
796	504853.1	4345159.9	8507956	7/17/2002	7/29/2002	TERM ENERGY CORP.	AC	HARDMAN, RAYMOND
797	504625.2	4349364.9	8506960	8/27/1984	NA	ENERVEST OPERATING L. L. C.	AC	PAULEY, JOSEPH D.
798	511847	4343160	1706292	8/21/2013	NA	ANTERO RESOURCES APPALACHIAN CORP	NAVL	WILLIAMS, ROBERT
799	511686.17	4344481.47	1703367	NA	NA	ENERGY CORPORATION OF AMERICA	ND	RICHARDS, RAY HEDSEL
800	503530.9	4341244	8508290	4/24/1994	4/24/1994	ENERGY CORPORATION OF AMERICA	AC	RIGGS, WANEMA
801	509661.4	4353977.5	8505397	3/10/1988	NA	TRIAD RESOURCES, INC.	AC	LANGON, VERA
802	502391.3	4340335.5	8502639	10/25/1962	NA	OPERATOR UNKNOWN	AB	DODD, BURL & MAX
803	508635.84	4353013.3	8507938	NA	NA	APPALACHIAN ENERGY DEV INC	ND	LANTZ, MARSH - HEIRS
804	510536.4	4348003.1	1701466	9/1/1967	NA	RITCHIE PETROLEUM CORP.	AC	DOAK, R.
805	505238	4344721.4	8509953	6/12/2012	6/27/2013	EQT PRODUCTION COMPANY	NAVL	HEARTWOOD FOREST FUND IV
806	499290.9	4344383.8	8508368	9/19/1994	NA	CHARITY GAS, INC.	AC	McGINNIS HEIRS
807	501080	4343307.48	8508052	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	STAGGERS, MABEL
808	508430.7	4345741.1	1702657	4/10/1980	NA	NESLER, CHARLES E.	AB	WALDO, M. C.
809	498267.6	4343240.4	8505314	10/30/1981	NA	ALLSTATE ENERGY CORP	AC	MOORE, RODNEY S.
810	506911	4346537	8503967	7/5/2006	10/13/2006	EQT PRODUCTION COMPANY	PL	BROADWATER
811	512709	4343571	1706562	9/3/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	PRIMM, OLIN E. & MARY
812	498030.26	4340865.11	8506845	NA	NA	PRIOR, FERRELL L	ND	ADAMS, CHARLES W., ETAL
813	504463.7	4350266.8	8507284	10/7/1985	NA	ENERVEST OPERATING L. L. C.	AC	JACKSON, ROBERT P.
814	508991.6	4353134.7	8502573	8/1/1962	NA	RITCHIE PETROLEUM CORP.	AC	JONES, MABEL, ETAL
815	502533.9	4343636.67	8507117	NA	NA	PRIOR, FERRELL L	ND	TAYLOR, RAY REX
816	501826.4	4339067.6	8505121	6/15/1981	NA	APPLIED MECHANICS CORP.	AC	WILSON, J. A.
817	506962.5	4345757.5	8507781	7/17/1988	NA	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
818	503782.6	4340100.6	8507971	10/13/1990	NA	ENERGY CORPORATION OF AMERICA	AC	JONES, JOHN D., ETAL
819	504282.46	4348988.6	8506988	NA	NA	EQT PRODUCTION COMPANY	ND	SLEVIN, JOHN M.
820	496288.8	4342176.4	8503367	6/1/1970	NA	RITCHIE PETROLEUM CORP.	AC	DEEM, F. A.
821	504777.76	4348135.16	8507231	NA	1/1/1900	EQT PRODUCTION COMPANY	ND	ST. JOSEPH CATH. CHURCH
822	501955.2	4338471.7	8507053	9/12/1984	NA	ALLSTATE ENERGY CORP	AC	HARDBARGER, JAMES & MARY
823	502995.4	4350781.5	8506978	6/17/1984	NA	ENERVEST OPERATING L. L. C.	AC	JACKSON, NORMAN & GLADYS
824	508388	4342366	8510082	12/30/2013	NA	ANTERO RESOURCES CORPORATION	NAVL	QUIMBY, FRANKLIN P.
825	503934.3	4346705.6	8507970	4/25/1991	NA	ENERGY CORPORATION OF AMERICA	AC	HENDERSON, REESE
826	505064.1	4340286.2	8501405	4/3/1964	NA	OPERATOR UNKNOWN	PL	COTTRILL, GRANVILLE

827	496507.8	4341114.9	8506801	1/1/1928	NA	MID-AMERICAN PETROLEUM INC	AB	HOOVER, PAUL
828	505142.9	4345337.3	8509243	11/14/2005	4/12/2007	GASSEARCH CORPORATION	AC	HAMMETT, SAMUEL C., ET UX
829	498097.5	4341980.8	8501598	9/15/1955	NA	OPERATOR UNKNOWN	PL	BRISBIN, W. R.
830	506433.5	4344451	8507713	6/3/1988	NA	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
831	505656.7	4347544.2	8508174	10/17/1993	10/17/1993	KEY OIL COMPANY	AC	WV. RAILROAD MAINTENANCE
832	504418	4345675.1	8507884	10/28/1989	NA	ENERGY CORPORATION OF AMERICA	AC	BRITTON, DeWAYNE
833	508790.2	4344482.5	1700136	9/26/1943	NA	NIGHT OWL WELL SERVICE	AC	DOTSON, HATTIE O.
834	509311.2	4350818.8	8504340	9/14/1979	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	TAYLOR, STEPHEN
835	502501.5	4341082.4	8508203	11/19/1993	11/19/1993	ENERGY CORPORATION OF AMERICA	AC	ELDER, HARLEY R., JR.
836	509845.4	4348386	1704863	8/9/2004	1/19/2005	KEY OIL COMPANY	AC	BOOTHE, FREDERICK D., ETU
837	507552.6	4347248	8505480	2/28/1982	NA	R C DEVELOPMENT INC	AB	BUNNER, DALE
838	508504.4	4354578.8	8502867	4/1/1964	NA	ROGERS, W LESLIE	AB	FLEMING, HURST
839	507877.5	4344666.4	8500542	5/22/1937	NA	NIGHT OWL WELL SERVICE	AC	NUTTER, W. B.
840	502356.5	4339456.1	8505194	7/8/1981	NA	APPLIED MECHANICS CORP.	AC	WILSON, J. A.
841	505243.6	4344721	8510008	NA	NA	EQT PRODUCTION COMPANY	NI	HEARTWOOD FORESTLAND FUND
842	505091.7	4346787.95	8507815	NA	1/1/1900	PRIME OPERATING COMPANY	ND	COTTRILL, ERNEST/VIRGINIA
843	508792.5	4346090.8	1701189	1/16/1965	NA	OPERATOR UNKNOWN	PL	WALDO, J. W.
844	501180.3	4345291.3	8503582	1/30/1975	NA	DEEM, J. F. OIL & GAS, LLC	AC	DOLL, NATHAN
845	504966	4355888	8570233	NA	NA	OPERATOR UNKNOWN	AB	MCCULLOUGH, TED
846	511456.7	4346824	1702675	4/24/1980	NA	ENERGY CORPORATION OF AMERICA	AC	HUDKINS
847	501729.9	4338809.9	8507515	6/5/1986	NA	ALLSTATE ENERGY CORP	AC	HARDBARGER, JAMES & MARY
848	508254.2	4345807.1	1703643	9/23/1988	NA	ENERGY CORPORATION OF AMERICA	AC	PRICE, THOMAS S.
849	511655.1	4346214.2	1704332	1/23/1997	1/23/1997	KEY OIL COMPANY	AC	WARDEN, BARBARA
850	508389	4342369	8510081	12/30/2013	NA	ANTERO RESOURCES CORPORATION	NAVL	QUIMBY, FRANKLIN P.
851	504112.5	4344644.1	8501123	6/26/1946	NA	OPERATOR UNKNOWN	AB	TAYLOR, GROVER, ETAL
852	498971.1	4340599.9	8502955	7/31/1968	NA	OPERATOR UNKNOWN	PL	RYMER, LUCILLE, ETAL
853	509509.8	4346275.6	1703349	2/14/1985	NA	ENERGY CORPORATION OF AMERICA	AC	HILL, GEORGE & PEARL
854	501656	4344649.4	8501316	6/28/1950	NA	OPERATOR UNKNOWN	PL	RIDDLE, ALICE, ETAL
855	501656	4344649.4	8501316	8/25/1950	NA	OPERATOR UNKNOWN	PL	RIDDLE, ALICE, ETAL
856	503037.6	4342372.9	8501447	3/25/1953	NA	OPERATOR UNKNOWN	PL	KNIGHT, ALPHA
857	503037.6	4342372.9	8501447	8/30/1957	NA	OPERATOR UNKNOWN	PL	KNIGHT, ALPHA
858	512901.3	4344024.4	1703539	NA	NA	CNG PRODUCING COMPANY	AC	DOTSON, CHAS. & DONNA
859	504200.6	4345848.8	8510095	5/22/2014	NA	EQT PRODUCTION COMPANY	NAVL	BRITTON, DEWAYNE ET UX
860	510210.7	4340686.2	8504403	10/29/1979	NA	ABARTA OIL & GAS COMPANY	AC	HUDKINS
861	506906	4353853	8510105	6/27/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	HAYMOND, ANNIE B. ET AL
862	511862	4343157	1706619	11/14/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	WILLIAMS, ROBERT

863	511521.8	4347125.2	1700959	5/24/1963	NA	OPERATOR UNKNOWN	PL	B & O RAILROAD
864	505586.5	4355664.6	8507119	9/26/1984	NA	ENERVEST OPERATING L. L. C.	AC	PRATT, W. S., ETAL
865	506954.2	4352169.3	8502513	11/24/1965	NA	OPERATOR UNKNOWN	PL	TAYLOR, J. ARLIE
866	506954.2	4352169.3	8502513	1/7/1962	NA	OPERATOR UNKNOWN	PL	TAYLOR, J. ARLIE
867	505945.3	4349139	8507904	11/30/1989	NA	ENERGY CORPORATION OF AMERICA	AC	HALL, GERALD
868	508206	4354691	8502855	3/1/1964	NA	ROGERS, W LESLIE	AB	FLEMING, HURST
869	507682.8	4353684.1	8505998	7/21/1983	NA	ENERGY CORPORATION OF AMERICA	AC	HICKMAN, CHANDOS
870	507315.8	4350430.1	8507880	9/19/1989	NA	KEY OIL COMPANY	AC	POOLE, GLENN E.
871	509694.2	4342070.7	8504876	8/14/1980	12/12/1995	MERIDIAN EXPLORATION CORP.	AC	BRITTON, FOREST ETUX.
872	508028.3	4346306.2	1703649	9/10/1988	NA	ENERGY CORPORATION OF AMERICA	AC	FLANAGAN, GEORGE
873	502372.3	4342709.2	8503971	9/13/1989	NA	EQUITRANS, L P	PL	COTTRILL, ROY & VIRGINIA
874	505646.4	4343355.2	8503976	4/26/1989	NA	EQUITRANS, L P	PL	LAMM, NATHAN
875	505646.4	4343355.2	8503976	4/26/1989	NA	EQUITRANS, L P	PL	LAMM, NATHAN
876	505234.3	4353182.6	8504474	6/25/1980	NA	KIEDAISCH AND SUMMERS ENTERPRISES	AC	DELOE
877	503150	4350023	8510060	11/8/2013	NA	ANTERO RESOURCES CORPORATION	NAVL	DEWBERRY, LINDA C. ,, TRUS
878	508475.1	4350077	8507879	9/16/1989	2/7/1995	DEVONIAN APPALACHIAN COMPANY INC	AC	ANDERSON, ROBERT A.
879	495657.19	4341283.44	8506791	NA	NA	OPERATOR UNKNOWN	ND	MAPLE, HOMER, ETUX
880	499446.9	4341577.6	8504325	10/6/1979	NA	DEEM, J. F. OIL & GAS, LLC	AC	McCOY, BERTHA
881	499786.7	4341819.3	8504322	9/6/1979	NA	DEEM, J. F. OIL & GAS, LLC	AC	ELDER, CORA
882	503366.5	4343739.1	8501064	7/26/1945	NA	OPERATOR UNKNOWN	AB	CARR, LENA R., ETAL
883	508775.7	4354717.4	8506910	6/3/1984	NA	ENERVEST OPERATING L. L. C.	AC	WINKLER, MILLARD & DORIS
884	505275.2	4357992.73	8506930	NA	NA	ENERGY CORPORATION OF AMERICA	ND	BISHOP, OLEY J.
885	504755.5	4346770.5	8503985	6/24/1989	NA	EQUITRANS, L P	PL	COTTRILL, RAY & VIRGINIA
886	500893.2	4348076.6	8501195	9/26/1947	NA	DOMINION TRANSMISSION INC	PL	STEWART, W. H.
887	500893.2	4348076.6	8501195	11/1/1947	NA	DOMINION TRANSMISSION INC	PL	STEWART, W. H.
888	500878	4339665.2	8501488	4/19/1963	NA	RICHARDS, C W & J E	PL	STARKEY, S. B.
889	506274.9	4341712.8	8507643	5/28/1987	NA	ENERGY CORPORATION OF AMERICA	AC	HALL, LLOYD
890	499773.2	4341178.7	8509097	7/27/2004	12/10/2004	STALNAKER ENERGY CORPORATION	AC	HOTHAM FAMILY PROPERTIES
891	505124.3	4349138.4	8508292	1/25/1994	1/25/1994	KEY OIL COMPANY	AC	HALL, GERALD
892	508969.3	4345427.9	1701620	7/9/1971	NA	ROGERS, W LESLIE	PL	KOCK, VIRGINIA W.
893	502965.41	4344014.15	8504545	NA	1/1/1900	HAUGHT, GLENN L. & SONS	ND	TALLMAN, CHARLES
894	502537.8	4342265.7	8503563	11/1/1974	NA	DEEM, J. F. OIL & GAS, LLC	AC	COTTRILL, RAY
895	498784	4346652.7	8502894	7/7/1975	NA	BIG D INDUSTRIAL EQUIPMENT INC	PL	MOORE, WILLIAM - HEIRS
896	509370.8	4354798.6	8507964	9/12/1990	NA	APPALACHIAN ENERGY DEV INC	AC	WINKLER, MILLARD
897	505185.1	4351266.2	8500359	8/1/1971	NA	OPERATOR UNKNOWN	AC	HAMMON, B. C.
898	512127.9	4343834.1	1700992	6/3/1974	NA	OPERATOR UNKNOWN	PL	LEGGETT, RALPH O.

899	512127.9	4343834.1	1700992	9/16/1963	NA	OPERATOR UNKNOWN	PL	LEGGETT, RALPH O.
900	509011.04	4345158.45	1703488	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	MCCULLOUGH, KENNETH K.
901	506629	4341407.2	8507679	9/20/1987	NA	ENERGY CORPORATION OF AMERICA	AC	HALL, LLOYD
902	509261.3	4356849	8501167	5/26/1947	NA	DOMINION TRANSMISSION INC	PL	MEREDITH, BLANCHE
903	500169.8	4339575.3	8501475	5/3/1963	NA	RICHARDS, C W & J E	PL	ELDER, ELDEN (30 AC)
904	500169.8	4339575.3	8501475	8/1/1953	NA	RICHARDS, C W & J E	PL	ELDER, ELDEN (30 AC)
905	508988.9	4351124.5	8507313	7/29/1985	NA	ENERGY CORPORATION OF AMERICA	AC	GARNER, MICHAEL
906	510124	4347122	1706436	1/30/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	MCCLOY, ALVADORE JR. , ET
907	506661	4341246.4	8502699	5/1/1963	NA	OPERATOR UNKNOWN	AC	HALL, S. L. - HEIRS
908	498395.7	4339949.3	8501479	11/20/1953	NA	OPERATOR UNKNOWN	AB	WELLINGS, JOHN E.
909	509855	4353541.5	8505396	3/24/1988	NA	TRIAD RESOURCES, INC.	AC	LANGON, VERA
910	505512.1	4347141.5	8507858	10/4/1989	NA	ENERGY CORPORATION OF AMERICA	AC	COTTRILL, RAY
911	509200.02	4349099.52	8507507	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	MARTIN, JULIUS C.
912	513527.17	4344283.35	1703196	NA	NA	CHASE PETROLEUM, INC.	ND	LEGGETT, RAYMOND
913	505546.47	4358314.3	8505167	NA	1/1/1900	HAUGHT INC	ND	BISHOP, OLEY & VELDA MAE
914	503614.8	4343022.7	8501492	9/22/1953	NA	OPERATOR UNKNOWN	AB	TAYLOR, E. R. - HEIRS
915	506119.5	4352812.8	8506428	7/30/1983	NA	ENERGY CORPORATION OF AMERICA	AC	BLOCK, HAROLD
916	499596.4	4344271.2	8508366	9/19/1994	NA	CHARITY GAS, INC.	AC	McGINNIS HEIRS
917	510876.04	4347797.81	1703463	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	CARNEY, GENARY
918	496898.41	4342097.37	8505393	7/30/2001	8/29/2001	LUCAS WELL SERVICE, INC.	PL	LITTLE KANAWHA SCD
919	511171.3	4342915.1	1700225	10/27/1912	NA	CABRUN GAS CO	PL	WILSON, CHARLEY
920	502323.5	4346886.8	8500969	12/14/1942	NA	DOMINION TRANSMISSION INC	PL	BARNARD, A. C., ETUS
921	503966.3	4347172.7	8507930	6/28/1990	NA	ENERGY CORPORATION OF AMERICA	AC	HENDERSON, HELEN J.
922	504991.12	4347586.52	8507513	NA	NA	BEREA OIL & GAS CORP	ND	MURPHY, GEORGE P.
923	510190	4347665	1701460	8/5/2014	9/2/2014	ALLIED ENERGY, INC.	PL	DOAK, W. E.
924	510190	4347665	1701460	6/1/1967	NA	RITCHIE PETROLEUM CORP.	PL	DOAK, W. E.
925	505948.9	4349044.7	8501013	NA	NA	DOMINION TRANSMISSION INC	PL	TAYLOR, S. J., ETUX
926	499386.4	4345061.7	8508363	9/19/1994	NA	CHARITY GAS, INC.	AC	McGINNIS HEIRS
927	506742.3	4340553.6	8507220	6/11/1985	NA	ENERGY SEARCH INC.	AC	LANGFORD, HALE
928	504895.5	4354697.8	8506684	12/1/1983	NA	ENERVEST OPERATING L. L. C.	AC	DOTY, C. & C. MURPHY
929	503739.7	4351415.6	8502796	11/21/1963	NA	OPERATOR UNKNOWN	AC	WESTFALL, DARIS L.
930	509022.1	4350287	8508147	1/20/1993	1/20/1993	APPALACHIAN ENERGY DEV INC	AC	QUINN, MICHAEL
931	512572.8	4343392	1700217	12/1/1955	NA	P & M OIL COMPANY	PL	PRIMM, C. HALL
932	512572.8	4343392	1700217	8/6/1966	NA	P & M OIL COMPANY	PL	PRIMM, C. HALL
933	510936.21	4344277.46	1704407	11/26/1997	11/26/1997	KEY OIL CO.	AC	REESE, HENRY FORD
934	507530.1	4345194.3	8507783	7/18/1988	NA	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.

935	496978.7	4342757.6	8503468	4/1/1972	NA	RITCHIE PETROLEUM CORP.	AC	RIDDLE, JUNIOR
936	510212.5	4342727.3	1702463	9/21/1979	NA	CLOWSER PRODUCTION COMPANY	AC	BRITTON-LEGGETT
937	504635	4340439.2	8505299	2/26/1982	NA	ENERGY CORPORATION OF AMERICA	AC	RICHARDS, STELLA
938	511696.2	4344638.1	1701439	5/11/1967	NA	PRIOR, FERRELL L	PL	LODGE, F. R.
939	509884.9	4343874.9	1704024	6/30/1993	NA	FLUHARTY ENTERPRISES INC	AC	BRITTON, F. M.
940	497566.4	4345190.8	8507389	6/11/1985	NA	RARE EARTH MINERALS, INC.	AC	JACKSON, R.
941	508295.5	4352412.2	8507832	4/29/1989	NA	KEY OIL COMPANY	AC	JEWELL, MAX
942	506056.7	4350831.6	8506953	6/7/1984	NA	ENERGY CORPORATION OF AMERICA	AC	CUNNINGHAM, S. A.
943	508035.6	4343953.3	8507808	11/12/1999	NA	ENERGY CORPORATION OF AMERICA	AC	COASTAL LUMBER CO.
944	501859.9	4349763.9	8502480	9/9/1975	NA	TERM ENERGY CORP.	PL	RIDDLE, JUNIOR
945	507624.3	4347674.9	8507293	4/13/1985	NA	ENERVEST OPERATING L. L. C.	AC	WILSON, BARR
946	500075.3	4339205.7	8501448	3/30/1953	NA	PACIFIC ATLANTIC RESOURCES, INC.	AC	TATE, C. O.
947	506885.7	4342228.8	8507867	10/14/1989	NA	ENERGY CORPORATION OF AMERICA	AC	McATEE, EVERT
948	501198.3	4342757.2	8508040	4/23/1991	NA	ENERGY CORPORATION OF AMERICA	AC	STAGGERS, MABEL
949	502003.5	4338487.8	8507435	9/8/1985	NA	ALLSTATE ENERGY CORP	AC	HARDBARGER, JAMES
950	507648.7	4355682.6	8504836	11/20/1984	NA	ABARTA OIL & GAS COMPANY	AC	McCULLOUGH, BEN, ETAL
951	498604	4340988.6	8504395	10/11/1979	NA	DEEM, J. F. OIL & GAS, LLC	AC	MAPLE, E.
952	498394.99	4340988.57	8506929	5/6/1984	5/21/1996	LAMAR OIL & GAS CO., INC.	AC	WEDEKAMM, EDWARD
953	498893.5	4339579.2	8503382	8/1/1971	NA	OPERATOR UNKNOWN	PL	WELLINGS, J. E.
954	496512.33	4344732.32	8507520	7/6/1986	NA	VENTURE PETROLEUM, INC.	AB	EPPERLY, PAUL D.
955	504553.4	4342500.8	8508315	4/29/1994	4/29/1994	ENERGY CORPORATION OF AMERICA	AC	TAYLOR, HARRY J.
956	506435	4353116	8510027	5/9/2013	NA	ANTERO RESOURCES APPALACHIAN CORP	NAVL	ANNIE HAYMOND (LIFE) ET AL
957	502372.3	4342709.2	8503971	9/13/1989	NA	EQUITRANS, L P	PL	COTTRILL, ROY & VIRGINIA
958	495326.8	4342814.7	8503405	5/1/1971	NA	DEEM, J. F. OIL & GAS, LLC	AC	CURREY, W. P., ETAL
959	503630.49	4352759.13	8507338	NA	1/1/1900	EQT PRODUCTION COMPANY	ND	PERKINS, MARIE O.
960	499273.7	4345577.1	8508359	9/19/1994	NA	CHARITY GAS, INC.	AC	McGINNIS HEIRS
961	508884	4343236	8510155	9/26/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	MACKAY, JACK D. ET AL
962	503075.5	4351586.9	8508941	6/3/2003	1/18/2004	KEY OIL COMPANY	AC	JOHNSON, BETTY D.
963	507410	4352942.9	8505574	6/15/1982	NA	ENERGY CORPORATION OF AMERICA	AC	HICKMAN, CHANDOS
964	501558.54	4343304.44	8508045	NA	NA	ENERGY CORPORATION OF AMERICA	ND	STAGGERS, MABEL
965	505101.46	4354252.84	8505209	NA	NA	CHASE PETROLEUM, INC.	AB	ROBERTSON, RICHARD T.
966	508822.8	4347763.9	1701504	6/13/1968	NA	RITCHIE PETROLEUM CORP.	AC	WALDO, GLEN
967	501894	4349948	8510181	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	NOLAND, DARRELL A. ET AL
968	503507.2	4345717.2	8502146	3/1/1960	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	TAYLOR, G. K.
969	504786.4	4348912.7	8507035	9/11/1984	NA	ENERVEST OPERATING L. L. C.	AC	PAULEY, JOSEPH D.
970	504913	4355840	8590620	NA	NA	OPERATOR UNKNOWN	AB	MCCULLOUGH, TED

971	498063.79	4343477.25	8506948	NA	NA	CHESTERFIELD ENERGY CORP	ND	SHEPPARD, P.G. & N.J.
972	502836.56	4348117.35	8508357	NA	NA	ENERGY CORPORATION OF AMERICA	ND	CARPENTER, W. G.
973	507021.2	4352105	8506671	9/20/1983	NA	ENERGY CORPORATION OF AMERICA	AC	BLOCK, HAROLD
974	505164	4343242.1	8507672	11/23/1988	NA	ENERGY CORPORATION OF AMERICA	AC	JANOTHA, MANFRED & SUE
975	507542.3	4349222.3	8507937	5/26/1990	NA	ENERGY CORPORATION OF AMERICA	AC	FLYER, OSCAR
976	504556	4351849	8510178	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	JACKSON, STEHEN C. ET AL
977	497019.84	4344580.74	8506957	NA	NA	CHESTERFIELD ENERGY CORP	ND	SHEPPARD, P. G. & NELLIE
978	511250.4	4347743.8	1704555	6/26/2000	10/26/2000	KEY OIL COMPANY	AC	NORMAN, JERRY A., ETAL
979	505331	4352321	8510169	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	ZINN, ERNEST E. ET AL
980	506804.8	4342712	8507863	9/8/1989	NA	ENERGY CORPORATION OF AMERICA	AC	HILVERS, PAUL W.
981	502934.8	4342558	8501461	5/18/1953	NA	OPERATOR UNKNOWN	PL	TAYLOR, RACHEL
982	507361.7	4356228.3	8501339	9/13/1950	NA	OPERATOR UNKNOWN	PL	MCCULLOUGH, FRED M.
983	507361.7	4356228.3	8501339	9/29/1950	NA	OPERATOR UNKNOWN	PL	MCCULLOUGH, FRED M.
984	504184.7	4339620.8	8503567	11/7/1974	NA	VENTURE PETROLEUM, INC.	AB	RIGGS, R. C.
985	501547.26	4347422.4	8507271	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	SHEPPERD, P. G.
986	510570.5	4347936.1	1704742	7/1/2003	1/3/2004	KEY OIL COMPANY	AC	DOAK, ROBERT
987	503842.3	4342681.1	8501350	1/3/1951	NA	OPERATOR UNKNOWN	PL	KNIGHT, ALPHA
988	503842.3	4342681.1	8501350	12/14/1950	NA	OPERATOR UNKNOWN	PL	KNIGHT, ALPHA
989	507393.1	4343179.6	8507810	10/21/1988	NA	ENERGY CORPORATION OF AMERICA	AC	GLASS, ROBERT L.
990	500813.975	4346929.306	8503662	5/1/1977	NA	DEEM, J. F. OIL & GAS, LLC	PL	SHAFFER, HARRY
991	501584.8	4340891.9	8501441	4/2/1953	NA	APPLIED MECHANICS CORP.	AC	WILSON, EFFIE ELDER
992	503567.9	4346063.1	8501438	11/22/1952	NA	OPERATOR UNKNOWN	PL	HOGUE, RALPH
993	509613.6	4353589.6	8507727	1/10/1988	NA	APPALACHIAN ENERGY DEV INC	AC	LANGON, VERA
994	512341.1	4342428.9	1700076	9/10/1937	NA	OPERATOR UNKNOWN	AB	SMITH, SYLVESTER
995	503288.7	4343563.2	8504387	7/7/1986	NA	FRENCH CREEK DEV INC	AC	TAYLOR, RAY REX
996	506848.87	4349127.29	8509798	4/8/2009	NA	KEY OIL COMPANY	ND	P.M. MANAGEMENT COMPANY
997	505759.21	4346205.78	8504223	NA	1/1/1900	HAUGHT, GLENN L. & SONS	ND	WILLIAMS, WILTON
998	505194.4	4339831.4	8500655	7/2/1938	NA	CARNEGIE PRODUCTION CO	PL	AYERS, EVA J.
999	498784	4346652.7	8502894	7/7/1975	NA	BIG D INDUSTRIAL EQUIPMENT INC	PL	MOORE, WILLIAM - HEIRS
1000	504473.7	4349023.4	8500825	9/26/1940	NA	OPERATOR UNKNOWN	AB	MCDUGAL, J. M.
1001	497457.1	4341774.9	8507397	1/19/1986	NA	RARE EARTH MINERALS, INC.	AC	RITCHIE COUNTY CO-OP
1002	510973	4347114	1706641	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	HOLLAND, ROBERT L. JR.
1003	510972	4347117	1706642	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	HOLLAND, ROBERT L. JR.
1004	511372.9	4346162.5	1700851	9/7/1967	NA	OPERATOR UNKNOWN	PL	DOTSON, L. O.
1005	507136.52	4347727.92	8503984	4/29/1988	NA	EQUITRANS, L P	PL	WILSON, BARR
1006	503107.5	4352182.9	8504900	11/18/2003	12/30/2003	PERKINS OIL & GAS INC	AC	WAGGONER, KENNETH

1007	510676.2	4341395.6	1702797	11/6/1996	NA	ABARTA OIL & GAS COMPANY	AC	CUNNINGHAM, RALPH
1008	510676.2	4341395.6	1702797	8/28/1980	11/6/1996	MERIDIAN EXPLORATION CORP.	AC	CUNNINGHAM, RALPH
1009	498006.3	4340377.1	8501075	7/26/1946	NA	OPERATOR UNKNOWN	AB	GAINER, W. F.
1010	505952.5	4342662.8	8503968	NA	1/1/1900	EQUITRANS, L P	PL	TAYLOR, E. J.
1011	504908.6	4340342.8	8506418	NA	NA	GASSEARCH CORPORATION	AC	RICHARDS, TERRY
1012	506004.2	4356309.3	8507168	10/25/1984	NA	ENERVEST OPERATING L. L. C.	AC	HOMA, GEORGE D.
1013	511820	4343619.6	1700977	8/26/1963	NA	FLUHARTY ENTERPRISES INC	AB	LEGGETT, RALPH O.
1014	506132.1	4357324.2	8509195	7/7/2005	5/4/2006	PETROEDGE RESOURCES (WV), LLC	AC	HAMER, JIM C. COMPANY
1015	508990.7	4349642.6	8507068	10/31/1984	NA	ENERGY CORPORATION OF AMERICA	AC	DOTSON, HOBART
1016	507232.2	4353862.1	8506164	5/24/1983	NA	EXCO RESOURCES (WV), INC.	AC	HAYMOND, H. K., JR.
1017	507232.2	4353862.1	8506164	5/31/1983	NA	EXCO RESOURCES (WV), INC.	AC	HAYMOND, H. K., JR.
1018	497280	4344319.3	8503363	5/1/1970	NA	EXCO RESOURCES (WV), INC.	AC	MCCLASKEY, J.
1019	503660	4342134.2	8501430	1/15/1953	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	KNIGHT, ALPHA
1020	512304.4	4343669.8	1700466	12/1/1960	NA	OPERATOR UNKNOWN	AC	LEGGETT, RALPH
1021	506665.2	4354409.2	8505967	11/18/1982	NA	EXCO RESOURCES (WV), INC.	AC	HARPER, B. B.
1022	503836	4342832.4	8501335	8/30/1950	NA	OPERATOR UNKNOWN	AB	TAYLOR, RAY REX
1023	499100.11	4342242.81	8502109	7/10/1960	NA	OPERATOR UNKNOWN	AB	DAVISON, RUBY
1024	500990	4341143.6	8501348	11/1/1950	NA	RICHARDS, C W & J E	PL	ELDER, W. R.
1025	507046.2	4354368.5	8501125	8/26/1946	NA	OPERATOR UNKNOWN	AB	MCCULLOUGH, C. H. & ALICE
1026	506504.4	4358937.3	8500808	NA	NA	HAUGHT INC	AB	PERKINS, A. M.
1027	503141	4350036	8510185	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	DEWBERRY, LINDA C., TRUST
1028	511156.5	4345047.6	1702183	1/18/1979	NA	VINSON GAS & OIL CO., INC.	AC	SHEETS, IVAN
1029	509108	4345614.8	1703487	4/27/1987	NA	ENERGY CORPORATION OF AMERICA	AC	MCCULLOUGH, KENNETH K.
1030	508070.3	4357211.1	8500828	1/26/1941	NA	OPERATOR UNKNOWN	PL	DARNELL, G. H.
1031	511123.8	4348066.8	1701271	8/1/1965	NA	RITCHIE PETROLEUM CORP.	AC	CARDER
1032	508387	4342354	8510079	12/30/2013	NA	ANTERO RESOURCES CORPORATION	NAVL	QUIMBY, FRANKLIN P.
1033	500635.6	4340518.3	8508975	7/31/2003	12/11/2003	STALNAKER ENERGY CORPORATION	AC	MOORE, JEAN
1034	510560.3	4343859.7	1703111	3/5/1984	NA	ENERGY CORPORATION OF AMERICA	AC	WHEELER, MARY LOU
1035	500185.2	4340405.6	8509095	7/27/2004	12/20/2004	STALNAKER ENERGY CORPORATION	AC	ELDER, WAYNE B.
1036	504834.45	4352119.05	8507322	NA	1/1/1900	EQT PRODUCTION COMPANY	ND	BETTENCOURT, ILA R.
1037	508701.4	4349239.6	8508140	11/20/1992	11/20/1992	KEY OIL COMPANY	AC	COCHRAN, LENA - HEIRS
1038	503235.85	4346322.07	8507816	NA	1/1/1900	PRIME OPERATING COMPANY	ND	BARNARD, JOHN T.
1039	499115.9	4346599.4	8502871	4/1/1964	NA	DEEM, J. F. OIL & GAS, LLC	AC	MOORE, W. M. - HEIRS
1040	497888.8	4346157.1	8507399	7/2/1985	NA	RARE EARTH MINERALS, INC.	AC	LEMICH, CHARLES
1041	501357.37	4341176.93	8507866	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	DODD, MAX D.
1042	508539.9	4349642.1	8507110	10/22/1984	NA	ENERGY CORPORATION OF AMERICA	AC	COSTILOW, EUGENE

1043	506569.9	4353054.9	8506401	9/12/1983	NA	ENERGY CORPORATION OF AMERICA	AC	BLOCK, HAROLD H.
1044	500958.5	4343277.3	8503555	11/1/1974	NA	BLAUSER WELL SERVICES, INC.	AC	WILSON, EARL
1045	509548	4354589.4	8507965	8/14/1990	NA	APPALACHIAN ENERGY DEV INC	AC	WINKLER, MILLARD
1046	504026.73	4349391.09	8506963	NA	NA	EQT PRODUCTION COMPANY	ND	SLEVIN, JOHN M.
1047	503660.6	4352739.3	8501491	12/2/1953	NA	OPERATOR UNKNOWN	PL	HALL, RAY
1048	503660.6	4352739.3	8501491	12/29/1953	NA	OPERATOR UNKNOWN	PL	HALL, RAY
1049	511821.6	4342462.2	1702313	1/20/1979	NA	DOMINION EXPLORATION & PRODUCTION	AB	McGEE, L. S., ETAL
1050	499403.2	4340357.3	8508897	11/14/2002	1/13/2003	STALNAKER ENERGY CORPORATION	AC	PENNINGTON, CHARLES
1051	504510.4	4353053.3	8509232	5/18/2012	NA	PERKINS OIL & GAS INC	AC	YUDT, MIKE & VICKKI
1052	504510.4	4353053.3	8509232	9/29/2005	NA	PERKINS OIL & GAS INC	AC	YUDT, MIKE & VICKKI
1053	504168.16	4345870.5	8509933	11/18/2011	8/13/2012	EQT PRODUCTION COMPANY	AC	BRITTON, DEWAYNE, ET UX
1054	496898.41	4342097.37	8505393	1/7/1982	NA	LITTLE KANAWHA SOIL CONSERVATION	PL	LITTLE KANAWHA SCD
1055	496898.41	4342097.37	8505393	9/17/1982	NA	LITTLE KANAWHA SOIL CONSERVATION	PL	LITTLE KANAWHA SCD
1056	497271.31	4342410.45	8505394	NA	NA	RIMROCK PROD. CO. C/O T.N.G., INC	ND	HODGE, HARLAN
1057	511327.3	4344832	1702348	2/22/1979	NA	VINSON GAS & OIL CO., INC.	AC	LEESON, L.
1058	510442.2	4347517	1703388	2/4/1985	NA	ENERVEST OPERATING L. L. C.	AC	WILLIAMSON, FRANCES, ETAL
1059	497602.5	4343788.2	8505959	12/21/1982	NA	SUGAR ROCK INCORPORATED	AC	SHEPPARD, P. G. & N.
1060	499532.1	4343675.2	8508378	9/19/1994	10/1/1994	CHARITY GAS, INC.	AC	SETH, CRAIG & LINDA
1061	507123.2	4346176.5	8507771	6/30/1988	NA	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
1062	503419.2	4346622.1	8502965	11/17/1964	NA	RICHARDS, C W & J E	AB	BARNARD, WILLIAM
1063	498904.5	4340389.5	8506475	7/21/1983	NA	PRIOR, FERRELL L	AC	PRUNTY, PAUL
1064	498904.5	4340389.5	8506475	6/19/1983	NA	PRIOR, FERRELL L	AC	PRUNTY, PAUL
1065	498795.3	4343212.8	8504162	11/12/1978	NA	RITCHIE PETROLEUM CORP.	AC	BARARD
1066	506306.1	4342936.9	8507862	8/27/1989	NA	ENERGY CORPORATION OF AMERICA	AC	NAGY, VIOLET C.
1067	505053.8	4339665.1	8505671	7/26/1982	6/17/1997	CARNEGIE PRODUCTION CO	AC	RIGGS, CLINE & WANOMA
1068	510610.3	4342523	1704420	1/22/1998	1/22/1998	KEY OIL COMPANY	AC	DEBRULAR, C. P. - HEIRS
1069	502653.66	4339739.31	8508437	12/22/1996	12/22/1996	DOMINION EXPLORATION & PRODUCTION	AC	STERNAMAN, ELIZABETH M.
1070	504510.2	4353294.9	8509234	9/29/2005	NA	PERKINS OIL & GAS INC	AC	DAVIS, LEWIS & NORMA
1071	505299.3	4352264.6	8506430	9/1/1983	NA	ENERGY CORPORATION OF AMERICA	AC	BLOCK, HAROLD
1072	502339.74	4345349.76	8509651	11/6/2007	NA	EQT PRODUCTION COMPANY	ND	CLAY, DONALD W.
1073	504594.3	4347060.3	8507915	4/19/1990	NA	ENERGY CORPORATION OF AMERICA	AC	HENDERSON, REESE
1074	508792.9	4353701.3	8507874	10/30/1989	NA	APPALACHIAN ENERGY DEV INC	AC	HICKMAN, DOLPH
1075	507831.4	4349947.4	8508088	4/4/1992	NA	KEY OIL COMPANY	AC	SELLERS, DENNIS
1076	509471.9	4351012.3	8507538	10/16/1986	NA	EQT PRODUCTION COMPANY	AC	McGLOIN, HENRY, ETAL
1077	506438	4353116	8510028	5/9/2013	NA	ANTERO RESOURCES APPALACHIAN CORP	NAVL	ANNIE HAYMOND (LIFE) ET AL
1078	501188.7	4340326.1	8501550	2/10/1955	NA	APPLIED MECHANICS CORP.	AC	WILSON, EFFIE E.

1079	508388	4342357	8510080	12/30/2013	NA	ANTERO RESOURCES CORPORATION	NAVL	QUIMBY, FRANKLIN P.
1080	509998.34	4342626.14	1704432	8/17/1998	8/17/1998	KEY OIL COMPANY	AC	BRITTON, WILLIAM P.
1081	510581.4	4341219.1	1700517	7/1/1961	NA	OPERATOR UNKNOWN	AB	PRIMM, NATHAN
1082	499286.03	4341691.12	8506936	NA	NA	OPERATOR UNKNOWN	ND	HOTHEM, LUTHER C.
1083	508389.7	4354604.2	8506909	4/25/1984	NA	ENERVEST OPERATING L. L. C.	AC	HURST, JANICE
1084	510951	4343272	1706700	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	WEBB, JAMES E.
1085	498766.7	4342489.6	8500607	11/14/1937	NA	OPERATOR UNKNOWN	PL	BENARD, T. J.
1086	497543.3	4340924.08	8503366	5/1/1970	NA	MOSSOR, KENNETH E,	AB	BROWN, JOHN M.
1087	506192.4	4358921.9	8501275	4/13/1949	NA	OPERATOR UNKNOWN	PL	PERKINS, A. M. & ETHEL
1088	506192.4	4358921.9	8501275	5/4/1949	NA	OPERATOR UNKNOWN	PL	PERKINS, A. M. & ETHEL
1089	508032.34	4352656.69	8507940	NA	NA	APPALACHIAN ENERGY DEV INC	ND	LANTZ, MARSH - HEIRS
1090	509560.5	4347146.8	1700527	9/12/1963	NA	OPERATOR UNKNOWN	AC	DEBRULAR, BRADY
1091	509560.5	4347146.8	1700527	3/18/1961	NA	OPERATOR UNKNOWN	AC	DEBRULAR, BRADY
1092	502415	4340325.4	8501286	10/2/1949	NA	OPERATOR UNKNOWN	PL	RIDDLE, SARAH - HEIRS
1093	510525.9	4340831.7	1700907	1/4/1963	NA	OPERATOR UNKNOWN	AB	ADAMS, ORLA
1094	502239.9	4347494.1	8508356	8/20/1994	8/20/1994	ENERGY CORPORATION OF AMERICA	AC	CARPENTER, W. G.
1095	500152.9	4342596.1	8507260	1/2/1985	NA	CHARITY GAS, INC.	AC	MORGAN, MARTHA
1096	502887.9	4348833.1	8502326	7/1/1961	NA	CHARITY GAS, INC.	AC	STATLER, J. A.
1097	503526.6	4350540.1	8506986	8/21/1984	NA	ENERVEST OPERATING L. L. C.	AC	GARNER, ROY B. & CONNIE
1098	511857.9	4342943.6	1703421	8/21/1986	NA	CNG PRODUCING COMPANY	AC	ADAMS, DOVIE G.
1099	508572.8	4346457.2	1703072	2/6/1982	NA	R C DEVELOPMENT INC	AC	HILL, G. W.
1100	505520.5	4340302.8	8501834	12/1/1960	NA	OPERATOR UNKNOWN	AB	JONES, R. E. & M. COTTRIL
1101	501319.837	4346436.173	8503770	2/8/2013	4/18/2013	DEEM, J. F. OIL & GAS, LLC	PL	SHAFFER, HARRY
1102	505864	4350316.1	8500580	7/29/1988	12/14/1996	TREK, INC.	AC	DIGMAN, RAY
1103	505864	4350316.1	8500580	12/14/1996	NA	DOMINION EXPLORATION & PRODUCTION	AC	DIGMAN, RAY
1104	506744.4	4355907.2	8504834	9/25/1980	NA	CONTINENTAL PETROLEUM, LLC	AC	McCULLOUGH, BEN
1105	513916.4	4342914.7	1705083	10/12/2005	9/19/2007	KEY OIL COMPANY	AC	DOTSON, LARRY
1106	509020.3	4351849.3	8507820	11/21/1988	NA	KEY OIL COMPANY	AC	SCHUMACHER, PETER
1107	506198.9	4354118.9	8506090	1/22/1983	NA	EXCO RESOURCES (WV), INC.	AC	HAYMOND, H. K.
1108	505972.8	4359014.6	8500816	5/26/1940	NA	OPERATOR UNKNOWN	PL	PERKINS, A. M. & ETHEL
1109	506683.07	4349555.68	8509795	4/8/2009	9/9/2009	KEY OIL COMPANY	AC	P.M. MANAGEMENT COMPANY
1110	497959.18	4341175.35	8507889	11/1/1981	7/15/1992	G & S DRILLING COMPANY	PL	MAPLE, EUGENE R.
1111	497959.18	4341175.35	8507889	7/15/1992	NA	G & S DRILLING COMPANY	PL	MAPLE, EUGENE R.
1112	508752.6	4352871.4	8502430	4/1/1963	NA	OPERATOR UNKNOWN	PL	LANTZ, MARSH
1113	503446.8	4352391.6	8502261	7/1/1961	NA	PERKINS OIL & GAS INC	AC	BRADFORD, W. H. & D. M.
1114	501897.78	4347172.47	8509652	11/6/2007	6/27/2008	EQT PRODUCTION COMPANY	AC	MARKWITH, DENNIS

1115	505806.8	4359077.2	8501219	4/13/1948	NA	DOMINION TRANSMISSION INC	PL	DARNELL, Z.
1116	505806.8	4359077.2	8501219	2/26/1948	NA	DOMINION TRANSMISSION INC	PL	DARNELL, Z.
1117	505471.18	4347236	8507229	NA	1/1/1900	EQT PRODUCTION COMPANY	ND	ST. JOSEPH CATH. CHURCH
1118	500324	4347982.9	8501161	2/26/1947	NA	DOMINION TRANSMISSION INC	PL	CAWLEY, B. A.
1119	500324	4347982.9	8501161	9/18/1956	NA	DOMINION TRANSMISSION INC	PL	CAWLEY, B. A.
1120	514020	4342795	1702377	4/19/1979	NA	UNITED OPERATING COMPANY	PL	JAMES, MRS. ELAINE
1121	514020	4342795	1702377	9/10/2012	10/12/2012	OHIO L & M COMPANY INC	PL	JAMES, MRS. ELAINE
1122	502163.6	4341372.3	8507865	8/2/1990	NA	ENERGY CORPORATION OF AMERICA	AC	DODD, MAX D.
1123	510995.6	4345697.9	1703987	NA	2/28/1995	MUTSCHELKNAUS, CLARENCE W	AC	SHEETS, ERIC & BETTY
1124	510995.6	4345697.9	1703987	2/28/1995	NA	MUTSCHELKNAUS, CLARENCE W	AC	SHEETS, ERIC & BETTY
1125	510236.4	4344218.2	1702427	5/14/1979	NA	W VA JOINT VENTURE	AC	ADAMS, EDWARD
1126	505480.3	4346545.5	8507855	8/4/1989	NA	ENERGY CORPORATION OF AMERICA	AC	COTTRILL, RAY
1127	509176.9	4355523.2	8507691	10/3/1987	NA	ENERVEST OPERATING L. L. C.	AC	ROWE, HADSEL, ETAL
1128	502037.99	4346645.16	8509653	11/6/2007	1/29/2008	EQT PRODUCTION COMPANY	AC	MARKWITH, DENNIS
1129	504151.9	4341405.4	8508171	10/15/1993	10/15/1993	ENERGY CORPORATION OF AMERICA	AC	HORNISH, HOWARD & NAOMI
1130	507834.7	4346628.1	1703708	4/19/1989	NA	APPALACHIAN ENERGY DEV INC	AC	WESTVACO CORPORATION
1131	502384.2	4347648.3	8501483	9/18/1953	NA	CHARITY GAS, INC.	AC	WILSON, GUY
1132	505523.4	4353892.8	8506075	1/13/1983	NA	EXCO RESOURCES (WV), INC.	AC	ROBERTSON, R. T.
1133	505356.6	4343870.4	8506816	1/1/1984	NA	OPERATOR UNKNOWN	AC	PERKINS, ROBERT S.
1134	512499	4344200.9	1704387	10/7/1997	10/7/1997	KEY OIL COMPANY	AC	PRIMM, OLIN
1135	504514.41	4350793.17	8507295	NA	1/1/1900	EQT PRODUCTION COMPANY	ND	JACKSON, ROBERT P.
1136	504892	4341148.1	8507659	8/27/1987	NA	ENERGY CORPORATION OF AMERICA	AC	RICHARDS, TERRY LEE
1137	500584.09	4346529.34	8507321	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	LAUNI, GEORGE & JOAN
1138	495504.79	4343913.86	8505096	NA	1/1/1900	HAUGHT INC	ND	SHEARER, MICHAEL, ETAL
1139	507593.7	4346096.4	8507773	7/1/1988	NA	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
1140	499595.7	4344691.2	8508371	9/19/1994	10/1/1994	CHARITY GAS, INC.	ABODR	McGINNIS HEIRS
1141	507097.1	4350433	8500809	7/26/1940	NA	OPERATOR UNKNOWN	PL	POOL, JOHN
1142	506487.8	4354988.9	8506162	6/1/1983	NA	EXCO RESOURCES (WV), INC.	AC	HARPER, B. B.
1143	500442.5	4341355.9	8508912	3/3/2003	3/23/2003	STALNAKER ENERGY CORPORATION	AC	BROWN, FRANKLIN C.
1144	505936.6	4358851.1	8500773	2/26/1940	NA	OPERATOR UNKNOWN	PL	PERKINS, A. M. & ETHEL
1145	501321.6	4350539.4	8509252	11/22/2005	10/18/2006	KEY OIL COMPANY	AC	NOLAND, DARRELL & JOY
1146	501917.2	4350169	8506715	2/7/1984	NA	LIPPIZAN PETROLEUM, INC.	AC	GIEBELL, C. E. & MARY
1147	510400.93	4345588.22	1703397	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	HILL, G. W. & PEARL
1148	504215.1	4343531.5	8506881	8/26/2008	NA	OILTEX, INC.	AC	TAYLOR, DALE WARREN
1149	507091.8	4359244.8	8501415	6/29/1952	NA	BEECHLICK OIL INC	AC	MARSH, J. R.
1150	507605.5	4350446.5	8507961	5/3/1993	NA	DEVONIAN APPALACHIAN COMPANY INC	AC	THOMAS, JACK & JAUNITA

1151	510600.8	4342593.9	1700212	4/10/1955	NA		STEPHEN GAS COMPANY	AB	DEBRULAR
1152	507605.5	4350446.5	8507961	8/17/1990		5/3/1993	DEVONIAN APPALACHIAN COMPANY INC	AC	THOMAS, JACK & JAUNITA
1153	505819.8	4344806.2	8507676	11/15/1988	NA		ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
1154	502744.52	4349228.49	8506985	NA	NA		EQT PRODUCTION COMPANY	ND	WILSON, CLIFF & OPAL
1155	500974.84	4349407.71	8508481	NA		9/11/1997	UNKNOWN - DEP PAID PLUGGING CONTR	PL	GIEBELL, CHARLES III
1156	509619.7	4348627.4	1703468	9/23/1985	NA		ENERVEST OPERATING L. L. C.	AC	RASEY, ROBERT
1157	508235.2	4344405.8	8500590	9/25/1937	NA		OPERATOR UNKNOWN	AB	NUTTER, M. B.
1158	498319.82	4340493.26	8506476	NA	NA		SOLOMON PRODUCTION CORPORATION	AB	PRUNTY
1159	509000	4344340.9	1704443	9/10/1998		9/10/1998	KEY OIL COMPANY	AC	WESTVACO CORP.
1160	504735.7	4352892.4	8502520	6/30/1962	NA		RITCHIE PETROLEUM CORP.	AC	DAVIS, LEWIS & NORMA
1161	511857.9	4342943.6	1703421	4/8/1985	NA		CNG PRODUCING COMPANY	AC	ADAMS, DOVIE G.
1162	499966.2	4347735.4	8506673	9/17/1983		5/30/1995	GASSEARCH CORPORATION	AC	LAMBERT, ROBERT, ETAL
1163	500558.9	4343791	8501260	7/9/1949	NA		OPERATOR UNKNOWN	PL	MILLER, EDNA E.
1164	500558.9	4343791	8501260	6/28/1949	NA		OPERATOR UNKNOWN	PL	MILLER, EDNA E.
1165	497345	4343417.8	8500299	6/18/1935	NA		OPERATOR UNKNOWN	PL	KEITH, B.F.
1166	498309.7	4342531.7	8507465	1/13/1986	NA		RARE EARTH MINERALS, INC.	AC	HILEMAN, CALVIN
1167	508389	4344259.7	8500557	6/10/1937		8/10/1994	RITCHIE PETROLEUM CORP.	AC	COASTAL LUMBER CO.
1168	508189.1	4346515.8	1703709	6/27/1989	NA		APPALACHIAN ENERGY DEV INC	AC	WESTVACO CORPORATION
1169	507166.4	4351686.3	8507571	12/30/1986	NA		EQT PRODUCTION COMPANY	AC	DOTSON, L. EVERETT
1170	509598.5	4341378	8504431	11/5/1979	NA		ABARTA OIL & GAS COMPANY	AC	HUDKINS
1171	511494.7	4345779.1	1704240	2/3/1996		2/3/1996	KEY OIL COMPANY	AC	SHEETS, ERIE D.
1172	500847.14	4350333.39	8509535	6/26/2007		6/25/2007	KEY OIL COMPANY	PL	DAVIS, MICHAEL & DEBERA
1173	509217.1	4348707.4	1704075	NA		3/10/1914	EQUITRANS, L P	PL	COCHRAN, J. O. - ESTATE
1174	509217.1	4348707.4	1704075	NA		2/14/1994	EQUITRANS, L P	PL	COCHRAN, J. O. - ESTATE
1175	498556.71	4339568.97	8503345	12/17/1969	NA		ALLSTATE ENERGY CORP	AC	WELLINGS, J. E.
1176	508822.7	4355861	8500325	NA	NA		OPERATOR UNKNOWN	PL	PECK, T.D.
1177	511981.1	4343555.9	1700769	11/21/1962	NA		FLUHARTY ENTERPRISES INC	AB	LEGGETT, RALPH
1178	499596.4	4344432.2	8508365	9/19/1994	NA		CHARITY GAS, INC.	AC	MCGINNIS HEIRS
1179	506073.1	4350396.8	8507678	9/17/1987	NA		DOMINION EXPLORATION & PRODUCTION	AC	GARNER, BERTHA H. - HEIRS
1180	510449.9	4344280.9	1701552	6/7/1979	NA		RITCHIE PETROLEUM CORP.	AB	GARNER, EZRA
1181	506394	4352981.8	8502819	11/23/1963	NA		OPERATOR UNKNOWN	AB	LEATHERMAN & MUNTZING
1182	498130.6	4340291.7	8503346	12/1/1969	NA		KIEDAISCH AND SUMMERS ENTERPRISES	AC	HARRIS ESTATE
1183	506340.1	4340633.7	8507578	10/18/1987	NA		STALNAKER ENERGY CORPORATION	AC	HARDBARGER, DENNIS
1184	495924.5	4342189.5	8504294	12/26/1914	NA		DEEM, J. F. OIL & GAS, LLC	AC	CURRY, F. C., JR.
1185	495924.5	4342189.5	8504294	5/8/1970	NA		DEEM, J. F. OIL & GAS, LLC	AC	CURRY, F. C., JR.
1186	509757	4354670.2	8505873	2/29/1988	NA		APPALACHIAN ENERGY DEV INC	AC	LANGON, VERA

1187	500425.6	4348605.03	8506466	NA	NA	STALNAKER ENERGY CORPORATION	ND	GIEBELL, C. E. & MARY
1188	498706.91	4341776.47	8504524	NA	1/1/1900	HAUGHT, GLENN L. & SONS	ND	MAPLE, EUGENE
1189	501407.05	4346059.95	8507817	NA	1/1/1900	PRIME OPERATING COMPANY	ND	THOMAS, BEULAH
1190	510948.2	4345085.7	1703952	11/15/1993	11/15/1993	FLUHARTY ENTERPRISES INC	AC	SHEETS, ERIE D.
1191	508535.9	4353330.6	8505984	6/14/1983	NA	ENERGY CORPORATION OF AMERICA	AB	HICKMAN, DOLPH, ETUX
1192	498856.4	4341661.9	8509176	5/19/2005	7/26/2005	STALNAKER ENERGY CORPORATION	AC	MAPLE, EUGENE R.
1193	508754.7	4344728.5	1704444	9/15/1998	9/15/1998	KEY OIL COMPANY	AC	WESTVACO CORP.
1194	499660.7	4343771.8	8508376	9/19/1994	10/1/1994	CHARITY GAS, INC.	AC	SETH, CRAIG & LINDA
1195	507262.9	4355488.9	8500223	NA	NA	OPERATOR UNKNOWN	PL	RIDGEWAY, W.H.
1196	498750.9	4341314.9	8504397	10/14/1979	NA	DEEM, J. F. OIL & GAS, LLC	AC	MAPLE, E.
1197	504707.8	4345771.9	8509226	10/6/2005	8/22/2006	GASSEARH CORPORATION	AC	HAMMETT, SAMUEL C., ET UX
1198	506908	4353855	8510036	5/8/2013	7/22/2013	ANTERO RESOURCES APPALACHIAN CORP	NAVL	ANNIE B. HAYMOND, ET AL
1199	504833.9	4350154.3	8508381	11/9/1994	11/9/1994	KEY OIL COMPANY	AC	STUMP, BELVA E.
1200	506073.16	4347175.04	8508065	NA	1/1/1900	KEY OIL COMPANY	ND	E.E.I.C. (CSX TRANS)
1201	500122.5	4340128.8	8504445	2/7/1980	NA	SANCHO OIL & GAS CORPORATION	AC	ELDER, MARY AGNES
1202	509661.4	4353977.5	8505397	3/10/1988	NA	APPALACHIAN ENERGY DEV INC	AC	LANGON, VERA
1203	503001.3	4341301.5	8503117	9/1/1966	NA	OPERATOR UNKNOWN	PL	LAMM, A. H.
1204	503001.3	4341301.5	8503117	11/18/1966	NA	OPERATOR UNKNOWN	PL	LAMM, A. H.
1205	498719.1	4345799.94	8502963	10/23/1964	NA	CENTRAL WEST VIRGINIA GAS PRODUCE	AB	MOORE, WILLIAM - HEIRS
1206	501536.8	4338568.3	8505201	7/15/1981	NA	APPLIED MECHANICS CORP.	AC	RICHARDS, ARNOLD K.
1207	501536.8	4338568.3	8505201	7/24/1985	NA	APPLIED MECHANICS CORP.	AC	RICHARDS, ARNOLD K.
1208	504208.3	4345843.8	8510093	5/22/2014	NA	EQT PRODUCTION COMPANY	NAVL	BRITTON, DEWAYNE ET US
1209	497024.41	4345220.82	8504390	NA	1/1/1900	HAUGHT, GLENN L. & SONS	ND	HINTON, BERNARD S., ETAL
1210	511946.8	4345006.7	1704543	4/19/2000	2/17/2002	FLUHARTY ENTERPRISES INC	AC	FORD REESE
1211	499160.9	4345367.6	8508360	9/19/1994	NA	CHARITY GAS, INC.	AC	McGINNIS HEIRS
1212	501919.5	4344352.5	8501151	2/26/1947	NA	OPERATOR UNKNOWN	AB	BARNARD, JOHN & E. H.
1213	495905.07	4341438.34	8504365	10/27/1979	10/27/1979	LITTLE KANAWHA SOIL CONSERVATION	PL	WV PUBLIC LAND CORP.
1214	495905.07	4341438.34	8504365	8/13/2001	10/9/2001	LUCAS WELL SERVICE, INC.	PL	WV PUBLIC LAND CORP.
1215	511906.5	4344931.2	1702575	2/20/1980	NA	ENERGY CORPORATION OF AMERICA	AC	JONES, THURMAN, JR.
1216	506639.8	4346417.5	8507644	4/1/1987	NA	KEY OIL COMPANY	AC	WILLIAMS, WILTON E., JR.
1217	511912.1	4344024.9	1701344	5/6/1975	NA	SPENCER ENTERPRISES DBA HUGH SPEN	PL	LEGGETT, RALPH O.
1218	511912.1	4344024.9	1701344	2/11/1966	NA	SPENCER ENTERPRISES DBA HUGH SPEN	PL	LEGGETT, RALPH O.
1219	511454.53	4344085.23	1703368	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	RICHARDS, RAY HEDSEL
1220	498097.9	4345367.8	8505256	8/11/2000	NA	CHARITY GAS, INC.	AC	CHURCH, THOMAS N.
1221	505581.21	4351037.01	8505296	NA	NA	WHITNAM OIL & GAS CORP.	AB	JACKSON, R. P.
1222	507600.8	4355344.3	8504738	3/26/1980	NA	INTERSTATE PRODUCTION CO	AC	McCULLOUGH, J. L.

1223	508272.7	4344206.1	8504944	9/18/1981	NA	HILL, PALMER OR IRENE	PL	MAYFIELD, WANDA
1224	507363.3	4350054.7	8501259	11/26/1948	NA	OPERATOR UNKNOWN	PL	POOLE, J. H. & I. F.
1225	503018	4345860.3	8501135	8/27/1952	NA	DOMINION TRANSMISSION INC	PL	WILSON, C.A. & A. RANGER
1226	506477.7	4347786.5	8507682	9/30/1987	NA	KEY OIL COMPANY	AC	WILSON, BARR
1227	506132.9	4353430.8	8501233	6/20/1948	NA	OPERATOR UNKNOWN	PL	NUTTER, OKEY E.
1228	506132.9	4353430.8	8501233	5/26/1948	NA	OPERATOR UNKNOWN	PL	NUTTER, OKEY E.
1229	503027.8	4350169.5	8506979	12/6/1984	NA	ENERVEST OPERATING L. I. C.	AC	WILSON, GLENN V.
1230	507889.6	4356069.4	8504837	11/2/1984	NA	ABARTA OIL & GAS COMPANY	AC	McCULLOUGH, BEN, ETAL
1231	510719.3	4345085.3	1704263	7/18/1996	7/18/1996	KEY OIL COMPANY	AC	PHILLIPS, ROBERT E.
1232	510404.5	4344274.1	1702426	5/20/1979	NA	W VA JOINT VENTURE	AB	ADAMS, EDWARD
1233	511022.4	4342410.8	1704419	1/10/1998	1/10/1998	KEY OIL COMPANY	AC	DEBRULAR, C. P. - HEIRS
1234	502101.08	4342326.03	8503972	1/30/1989	1/1/1900	EQUITRANS, I P	PL	DODD, MAX D. & LAURA B.
1235	497087.7	4343401.8	8501584	7/1/1955	NA	ALLSTATE ENERGY CORP	AC	HOUGHTON, F. M.
1236	501899.91	4349786.58	1704538	1/20/2000	NA	SYNDEX RESOURCES, INC.	AB	MITCHELL, DANIEL R.
1237	500526	4340807.7	8504326	9/30/1979	NA	DEEM, J. F. OIL & GAS, LLC	AC	ELDER, JESSIE
1238	508566.7	4343567.3	8508560	10/26/1998	10/26/1998	KEY OIL COMPANY	AC	MORRIS, I. L.
1239	505407.6	4358818.4	8501618	1/10/1956	NA	OPERATOR UNKNOWN	PL	BRADFORD, W. H.
1240	505407.6	4358818.4	8501618	12/15/1955	NA	OPERATOR UNKNOWN	PL	BRADFORD, W. H.
1241	498971.1	4340599.9	8502955	11/2/1964	NA	OPERATOR UNKNOWN	PL	RYMER, LUCILLE, ETAL
1242	508388	4342363	8510089	3/28/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	QUIMBY, FRANKLIN P.
1243	510706.5	4340905.1	1702525	11/27/1979	NA	ABARTA OIL & GAS COMPANY	AC	PRINZ
1244	504384.87	4352317.17	8507339	NA	1/1/1900	EQT PRODUCTION COMPANY	ND	PERKINS, MARIE O.
1245	513511.9	4344283.1	1703453	8/13/1985	NA	EQT PRODUCTION COMPANY	AC	LEGGETT, RAYMONDD
1246	501359.8	4339035.3	8505304	10/31/1981	NA	APPLIED MECHANICS CORP.	AC	RICHARDS, A. K.
1247	500195	4348154.2	8507408	9/4/1985	NA	RARE EARTH MINERALS, INC.	ABODR	ANDERSON, JAMES
1248	506485	4342853	8502274	1/1/1961	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	TAYLOR, E. J.
1249	508408.7	4351961.4	8507270	4/4/1985	NA	ENERGY CORPORATION OF AMERICA	AC	BRADLEY, RALPH
1250	501251	4339358.1	8501372	6/28/1951	1/1/1900	RICHARDS ENERGY INC	AC	WILSON, JAMES A.
1251	513080	4343009.9	1702793	5/29/1981	NA	ALAMCO INC	AC	LEGGETT HEIRS
1252	498226.5	4345602.2	8502961	12/21/1964	NA	OPERATOR UNKNOWN	AB	MOORE, WILLIAM - HEIRS
1253	507449	4342073	8510182	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	COTTRILL, CHARLES E. ET AL
1254	511196.2	4344406.5	1700854	11/20/1962	NA	GARNER & GAWTHROP, INC.	AC	RESSE, CASSIE
1255	502303.5	4350298	8509147	2/22/2005	1/5/2006	KEY OIL COMPANY	AC	HURST, JEFFERY A.
1256	506904	4353850	8510106	6/25/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	HAYMOND, ANNIE B.
1257	508200.56	4344420.72	8507353	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	NUTTER, WANDA
1258	502614.98	4351156.35	8506987	NA	NA	EQT PRODUCTION COMPANY	ND	HURST, RICHARD

1259	502726.9	4340615.4	8506833	1/29/1984	NA		DOMINION EXPLORATION & PRODUCTION	AC	DODD, GARY C.
1260	501611.4	4350169	8509253	11/22/2005	10/30/2006		KEY OIL COMPANY	AC	NOLAND, DARRELL & JOY
1261	505501	4344337.6	8507675	9/1/1987	NA		ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
1262	506132.1	4357324.2	8509195	1/25/2008	2/15/2008		PETROEDGE RESOURCES (WV), LLC	AC	HAMER, JIM C. COMPANY
1263	506676.8	4358598.4	8508325	2/7/1994	12/30/1929		BEECHLICK OIL INC	ABODR	PERKINS, CLIFF
1264	501679	4340740	8501423	12/11/1961	NA		OPERATOR UNKNOWN	PL	BROADWATER, FRANK P.
1265	503232	4351666	8510168	NA	NA		ANTERO RESOURCES CORPORATION	NAVL	WAGGONER, EDDY D. ET AL
1266	508389	4342372	8510062	10/11/2013	NA		ANTERO RESOURCES CORPORATION	NAVL	QUIMBY, FRANKLIN P.
1267	511468.5	4342104.4	1702568	2/8/1980	NA		PETROLEUM DEVELOPMENT CORPORATION	AC	McGEE, L. S.
1268	502362.4	4344602.6	8501124	7/26/1946	NA		OPERATOR UNKNOWN	AB	WILSON, C. A.
1269	510429.8	4344746.7	1703184	5/25/1983	NA		W VA JOINT VENTURE	AB	PHILLIPS, ROBERT E.
1270	506354.9	4342276.6	8507853	7/22/1989	NA		ENERGY CORPORATION OF AMERICA	AC	GILLILAND, WILLIAM
1271	501257.3	4350056.2	8506767	5/13/1984	NA		ROSS AND WHARTON GAS COMPANY, INC	AC	GIEBELL, CHARLES E.
1272	502774.5	4342322.7	8507902	11/27/1989	NA		ENERGY CORPORATION OF AMERICA	AC	COTTRILL, LEWIS RAY
1273	507357.5	4345548.6	8507812	NA	1/1/1900		PERKINS OIL & GAS INC	ND	FLANAGAN, GEORGE
1274	496922.4	4345738.7	8506029	12/13/1982	NA		VENTURE PETROLEUM, INC.	AB	JACKSON, ROBERT P., ETAL
1275	507852	4342420	8503919	7/5/2006	9/8/2006		EQT PRODUCTION COMPANY	PL	WILLIAMS, ED
1276	507852	4342420	8503919	11/3/1942	NA		CARNEGIE PRODUCTION CO	PL	WILLIAMS, ED
1277	506881	4346901.1	8507611	3/9/1987	NA		KEY OIL COMPANY	AC	WILLIAMS, WILTON E. JR.
1278	507864.7	4348850.9	8507395	8/26/1985	NA		ENERVEST OPERATING L. L. C.	AC	GREENE, BARBARA
1279	506538.1	4352587.7	8506851	10/10/1984	NA		ENERGY CORPORATION OF AMERICA	AC	BLOCK, HAROLD
1280	506916.1	4359325.8	8500896	10/26/1941	NA		BEECHLICK OIL INC	AC	MARSH, J. R. & IDA P.
1281	495533.4	4341904.7	8508347	6/22/1994	10/1/1994		APPLIED MECHANICS CORP.	AC	PRATHER, D.
1282	501086.1	4340131.8	8508973	7/31/2003	1/9/2004		STALNAKER ENERGY CORPORATION	AC	MOORE, JEAN
1283	503529.9	4343689.7	8501108	5/14/1946	NA		DOMINION TRANSMISSION INC	PL	CARR, LENA R.
1284	503529.9	4343689.7	8501108	4/26/1946	NA		DOMINION TRANSMISSION INC	PL	CARR, LENA R.
1285	498535	4343304.8	8500413	NA	NA		OPERATOR UNKNOWN	PL	KIRKPATRICK, S.A. & MARY
1286	509135	4344494.5	1700160	12/26/1946	NA		OPERATOR UNKNOWN	AB	DOTSON, HATTIE O.
1287	506441.5	4352682	8502649	10/19/1962	NA		OPERATOR UNKNOWN	PL	WILSON, OPAL
1288	499715.5	4341354.9	8504323	9/14/1979	NA		DEEM, J. F. OIL & GAS, LLC	AC	McCOY, B.
1289	499594.1	4346876.8	8501155	1/26/1947	NA		DEEM, J. F. OIL & GAS, LLC	AC	WILLIAMS
1290	500386.5	4342799.1	8504241	9/23/1979	NA		LIBERTY OIL & GAS CORP.	AC	BROADWATER, M. M.
1291	513820	4342784	1706371	11/21/2013	NA		ANTERO RESOURCES CORPORATION	NAVL	HORTON, JUDY A.
1292	509368.8	4349958.6	8502356	8/8/1961	NA		OPERATOR UNKNOWN	PL	DOAK, CARL, OPEL&MARSHALL
1293	509368.8	4349958.6	8502356	9/5/1961	NA		OPERATOR UNKNOWN	PL	DOAK, CARL, OPEL&MARSHALL
1294	506948.7	4350289.5	8502351	8/5/1974	NA		OPERATOR UNKNOWN	PL	HICKMAN, B. H.

1295	506948.7	4350289.5	8502351	6/7/1961	NA	OPERATOR UNKNOWN	PL	HICKMAN, B. H.
1296	505552.1	4340246.6	8505786	12/22/1982	NA	GASSEARCH CORPORATION	AC	RIGGS, W.
1297	506725.8	4341069	8507221	7/29/1985	NA	ENERGY SEARCH INC.	AC	LANGFORD, HALE
1298	509721	4344810.2	1704283	8/5/1996	8/5/1996	KEY OIL COMPANY	AC	PHILLIPS, ROBERT E.
1299	508805.3	4357020.7	8507921	2/28/1990	NA	PARDEF EXPLORATION COMPANY	AC	LASATER, JAMES D.
1300	508508.9	4348577.7	8507650	5/13/1987	NA	ENERVEST OPERATING L. L. C.	AC	DOTSON, ROGER D.
1301	500024.8	4339962.27	8506676	9/17/1983	NA	SOLOMON PRODUCTION CORPORATION	AC	RIDDLE, A. V.
1302	510128	4347126	1706474	5/1/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	MCCLOY, ALVADORE JR ET UX
1303	506877.5	4350880.7	8503966	4/7/2003	6/6/2003	CHARITY GAS, INC.	PL	MCCULLOUGH, PAUL
1304	513076.58	4343510.01	1700243	5/5/1958	NA	DOMINION EXPLORATION & PRODUCTION	PL	SQUIRES, R. LEGGETT
1305	501470.14	4343636.93	8503572	1/20/1975	8/21/1998	BLAUSER WELL SERVICES, INC.	PL	BONNELL, ORVILLE R.
1306	511923.6	4342009.5	1704680	4/15/2002	7/23/2002	KEY OIL COMPANY	AC	GAINS, FLORIDA
1307	506423.1	4355391.6	8505966	12/11/1982	NA	EXCO RESOURCES (WV), INC.	AC	HARPER, B. B.
1308	511219	4347147.8	1704553	7/5/2000	9/30/2000	KEY OIL COMPANY	AC	HOLLAND, ROBERT L., JR.
1309	501584.9	4339305.4	8501382	8/1/1951	NA	APPLIED MECHANICS CORP.	AC	WILSON, J. A.
1310	497696.5	4341054.09	8506805	NA	NA	PRIOR, FERRELL L	ND	NAY, EVA M.
1311	500639.6	4342244.3	8503560	12/1/1974	NA	BLAUSER WELL SERVICES, INC.	AC	WILSON, EARL
1312	500950.33	4339661.75	8506408	7/2/1983	NA	STALNAKER ENERGY CORPORATION	AC	MCDONALD, LILLIE B.
1313	502608.88	4349470.81	8506900	NA	NA	RARE EARTH MINERALS, INC.	ND	DULANEY, ROBERT
1314	511116.7	4344788.4	1702182	1/8/1979	NA	VINSON GAS & OIL CO., INC.	AC	LEESON, LEONIDAS
1315	505330	4352323	8510171	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	ZINN, ERNEST E. ET AL
1316	506974.5	4350317.1	8507352	8/23/2001	NA	ENERGY CORPORATION OF AMERICA	AC	WELLS, SAMP & MARY
1317	510155.5	4345100.7	1704269	7/31/1996	7/31/1996	KEY OIL COMPANY	AC	PHILLIPS, ROBERT E.
1318	509259.2	4357268.6	8501300	6/1/1957	NA	OPERATOR UNKNOWN	PL	HESS, E. E.
1319	501794	4339922.6	8509118	10/13/2004	1/21/2005	STALNAKER ENERGY CORPORATION	AC	WILSON, JAMES
1320	495623.66	4343496.29	8505095	NA	1/1/1900	HAUGHT INC	ND	SHEARER, MICHAEL, ETAL
1321	499289.7	4344997.2	8508362	9/19/1994	NA	CHARITY GAS, INC.	AC	McGINNIS HEIRS
1322	507155.2	4346321.5	8507805	9/23/1988	NA	PERKINS OIL & GAS INC	AC	WESTVACO CORP.
1323	509780	4349159.1	1703467	9/30/1985	NA	ENERVEST OPERATING L. L. C.	AC	RASEY, ROBERT
1324	504558	4351851	8510179	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	JACKSON, STEPHEN C. ET AL
1325	504616.8	4343982.7	8506808	12/19/1983	NA	OPERATOR UNKNOWN	AC	COMER, RICHARD R.
1326	502403.41	4338605.61	8507983	12/8/1990	NA	ENERGY CORPORATION OF AMERICA	AC	MASON, THOMAS L.
1327	503652.2	4343692.3	8507755	5/30/2001	7/1/2001	GASSEARCH CORPORATION	AC	TAYLOR, DALE, ETAL
1328	508887	4343237	8510156	9/26/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	MACKAY, JACK D. ET AL
1329	511061.4	4344731.5	1704389	10/21/1997	10/21/1997	KEY OIL COMPANY	AC	TODD, BRENDA
1330	504119	4342726.1	8506880	3/21/1984	NA	OPERATOR UNKNOWN	AC	TAYLOR, RAY REX

1331	504119	4342726.1	8506880	3/21/1984	NA	OPERATOR UNKNOWN	AC	TAYLOR, RAY REX
1332	499969.2	4346469	8501009	10/26/1943	NA	OPERATOR UNKNOWN	AB	RAMSEY, A. J., ETAL
1333	498371.63	4342361.68	8506949	NA	NA	ENERGY CORPORATION OF AMERICA	ND	HILEMAN, CALVIN
1334	505423.1	4340681.3	8504906	9/5/1980	NA	MOUNTAIN V OIL & GAS, INC.	AC	RICHARDS, BERNARD W.
1335	513346.7	4342600.3	1702371	4/14/1979	NA	OHIO L & M COMPANY INC	AC	CUNNINGHAM
1336	510476.2	4346164.1	1703395	2/23/1985	NA	ENERGY CORPORATION OF AMERICA	AC	HART, DENSIL
1337	500195	4346237.5	8504832	8/30/1980	NA	DEEM, J. F. OIL & GAS, LLC	AC	MAHANEY, WAYMOND L.
1338	513434.1	4342849.5	1704540	3/16/2000	4/25/2000	OHIO L & M COMPANY INC	AC	HART, DENNIS
1339	504547.4	4344724.9	8507821	12/6/1988	NA	TERM ENERGY CORP.	AC	HARDMAN, RAYMOND/ DOROTHY
1340	500146.7	4347381	8501181	NA	NA	OPERATOR UNKNOWN	ND	SHULTE, H.C.
1341	509694.2	4342070.7	8504876	12/12/1995	NA	ABARTA OIL & GAS COMPANY	AC	BRITTON, FOREST ETUX.
1342	506430.1	4346852.2	8507888	10/27/1989	NA	ENERGY CORPORATION OF AMERICA	AC	ANDERSON, JAMES W.
1343	505813.3	4353521.3	8506431	7/11/1983	NA	EXCO RESOURCES (WV), INC.	AC	ROBERTSON, R. T.
1344	501696.6	4344045.8	8505763	8/3/1982	NA	GASSEARCH CORPORATION	AC	-
1345	499739.6	4341547.8	8501336	9/19/1950	NA	RICHARDS, C W & J E	PL	ELDER, L. C.
1346	502353	4339335.5	8505193	7/10/1981	NA	APPLIED MECHANICS CORP.	AC	WILSON, J. A.
1347	508621.2	4351349.3	8502264	11/8/1960	NA	OPERATOR UNKNOWN	AB	FERREBEE, EDWARD - HEIRS
1348	502959.3	4345002.9	8509990	3/26/2013	9/17/2013	EQT PRODUCTION COMPANY	NAVL	MARY JANE WILSON ET AL
1349	502951	4343806	8501130	9/26/1946	NA	DOMINION TRANSMISSION INC	PL	CARR, LENA R., ETAL
1350	513816	4342780	1706464	3/12/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	HORTON, JUDY A.
1351	511691.6	4341741.2	1702841	12/17/1980	NA	W VA JOINT VENTURE	AC	INGRAM, LEROY
1352	505061.1	4347302.2	8507914	4/25/1990	NA	ENERGY CORPORATION OF AMERICA	AC	JONES, FLOYD W.
1353	509882.18	4355512.85	8507802	NA	NA	APPALACHIAN ENERGY DEV INC	ND	ROWE, O. HADSEL
1354	510036.3	4343371.3	1700257	8/12/1959	NA	EQUITRANS, L P	PL	MATHENY, BARRY L.
1355	508495.2	4346338.9	1703644	9/20/1988	NA	ENERGY CORPORATION OF AMERICA	AC	FLANAGAN, GEORGE
1356	509261.3	4356849	8501167	8/30/1947	NA	DOMINION TRANSMISSION INC	PL	MEREDITH, BLANCHE
1357	505201.9	4353553.1	8505631	8/9/1982	NA	EXCO RESOURCES (WV), INC.	AC	ROBERTSON, R. T.
1358	503254.14	4346486.67	8507917	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	BARNARD, JOHN T.
1359	504744	4348588	8503931	4/14/2010	NA	EQT PRODUCTION COMPANY	PL	LESKOWITZ, MARK & NOREEN
1360	504744	4348588	8503931	5/3/2012	8/8/2012	EQT PRODUCTION COMPANY	PL	LESKOWITZ, MARK & NOREEN
1361	505899.42	4349046.52	8507420	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	HALL, GERALD
1362	505405	4343596.6	8507687	10/1/1987	NA	GASSEARCH CORPORATION	AC	FERIS, ROSE, ETAL
1363	506855.2	4340215.5	8507723	1/19/1988	NA	STALNAKER ENERGY CORPORATION	AC	HARDBARGER, DENNIS
1364	505952.5	4342662.8	8503968	12/6/1999	NA	MOUNTAIN STATE OIL COMPANY LLC	PL	TAYLOR, E. J.
1365	506441	4353116	8510029	5/10/2013	NA	ANTERO RESOURCES APPALACHIAN CORP	NAVL	ANNIE HAYMOND (LIFE) ET AL
1366	502706.8	4347623.1	8508207	5/18/1994	5/18/1994	ENERGY CORPORATION OF AMERICA	AC	OGDEN, VIOLET

1367	504979	4349832.2	8508418	9/24/1996	9/24/1996	ENERGY CORPORATION OF AMERICA	AC	WILSON, GLEN V., ETAL
1368	507820.4	4344840.3	8507703	11/3/1987	NA	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
1369	505268.6	4349993.5	8508355	9/6/1994	9/6/1994	KEY OIL COMPANY	AC	HALL, GERALD
1370	497958.1	4346538.3	8502892	8/1/1964	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	HILEY, MINNIE
1371	501725.1	4345303.5	8507366	4/5/1985	NA	OPERATOR UNKNOWN	AC	WALLER, CHARLES C.
1372	508284.3	4347804.4	1703584	9/18/1987	NA	ENERVEST OPERATING L. L. C.	AC	JONES, GLENN & LINDA LOU
1373	508387	4342348	8510140	9/22/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	QUIMBY, FRANKLIN P.
1374	502404.5	4342612.5	8508417	4/19/1996	4/19/1996	ENERGY CORPORATION OF AMERICA	AC	KNIGHT, KARL C.
1375	506123	4348349.9	8507905	8/15/1990	NA	ENERGY CORPORATION OF AMERICA	AC	HALL, GERALD
1376	496387.5	4343598.1	8503343	12/3/1969	NA	ROSS AND WHARTON GAS COMPANY, INC	AC	McGINNIS, SADA E.
1377	506428.6	4348720.6	8508057	7/7/1991	NA	KEY OIL COMPANY	AC	P. M. MANAGEMENT
1378	507494.8	4348480.1	8508096	3/13/1992	NA	KEY OIL COMPANY	AC	WEBB, EARL
1379	501309.1	4347650.7	8501418	11/24/1952	NA	CHARITY GAS, INC.	AC	RITCHIE COUNTY AGR. ASSN.
1380	507504.9	4354699.9	8506163	8/6/1983	NA	EXCO RESOURCES (WV), INC.	AC	PIERCE, LEWIS F.
1381	509292.1	4342038	8508621	NA	9/25/1999	KEY OIL COMPANY	AC	BRONDER, JAMES D
1382	503433.5	4343337.8	8506835	1/28/1984	NA	FRENCH CREEK DEV INC	AC	TAYLOR, RAY REX
1383	503433.5	4343337.8	8506835	1/28/1984	NA	FRENCH CREEK DEV INC	AC	TAYLOR, RAY REX
1384	499953.54	4347735.42	8506105	NA	NA	OPERATOR UNKNOWN	ND	LAMBERT, MILDRED
1385	507710.5	4349635.2	8501223	5/26/1948	NA	OPERATOR UNKNOWN	AB	DOTSON, THEODOSIA
1386	508450.7	4357696.8	8506958	11/10/1984	NA	ENERGY CORPORATION OF AMERICA	AC	HOSKINS, WILSON, ETAL
1387	502415	4340325.4	8501286	10/12/1949	NA	OPERATOR UNKNOWN	PL	RIDDLE, SARAH - HEIRS
1388	496626.6	4343484.2	8503374	11/18/1970	NA	VIKING INTERNATIONAL RESOURCES CO	AC	SHEARER
1389	496626.6	4343484.2	8503374	8/1/1970	NA	RITCHIE PETROLEUM CORP.	AC	SHEARER
1390	509050.4	4342440.4	8508622	NA	10/21/1999	KEY OIL COMPANY	AC	BRONDER, JAMES D
1391	505972.8	4359014.6	8500816	7/25/1951	NA	OPERATOR UNKNOWN	PL	PERKINS, A. M. & ETHEL
1392	501319.837	4346436.173	8503770	1/4/1978	NA	DEEM, J. F. OIL & GAS, LLC	PL	SHAFFER, HARRY
1393	508259.9	4355699.3	8505093	4/4/1981	NA	ABARTA OIL & GAS COMPANY	AC	McCULLOUGH, BEN
1394	508007.4	4344253.5	8500527	2/16/1937	NA	OPERATOR UNKNOWN	PL	NUTTER, M. B.
1395	508007.4	4344253.5	8500527	1/26/1938	NA	OPERATOR UNKNOWN	PL	NUTTER, M. B.
1396	500201.2	4341822.9	8506933	NA	NA	OPERATOR UNKNOWN	ND	HOTHAM, RONALD
1397	500538.37	4346072.14	8507320	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	LAUNI, GEORGE & JOAN
1398	507146.9	4355440.5	8500204	NA	NA	OPERATOR UNKNOWN	PL	MCCULLOUGH, J.L.
1399	512259.8	4342992.5	1704300	10/8/1996	10/8/1996	KEY OIL COMPANY	AC	HILEY, ROGER & DANITA
1400	505664.3	4340874.8	8502563	8/31/1962	NA	OPERATOR UNKNOWN	PL	BAKER, G. - HEIRS
1401	503567.9	4346063.1	8501438	12/2/1952	NA	OPERATOR UNKNOWN	PL	HOGUE, RALPH
1402	509192.4	4346810.2	1702859	1/24/1981	NA	NESLER, CHARLES E.	AC	ELLIFRITT, EDNA L.

1403	497762.8	4342129.2	8508349	6/22/1994	10/1/1994	APPLIED MECHANICS CORP.	AB	WOOD, H. B., ETAL
1404	502143.6	4344336.6	8501268	2/22/1949	NA	OPERATOR UNKNOWN	AB	WILSON, C. A.
1405	506151.4	4353231.6	8507932	6/26/1990	NA	PARDEE EXPLORATION COMPANY	AC	HAYMOND, HARVEY & ANNIE
1406	507650	4343630.8	8507811	3/3/2000	3/17/2000	ENERGY CORPORATION OF AMERICA	AC	LAMM, RANDALL O.
1407	503520.3	4352081.7	8502423	9/14/1961	NA	PERKINS OIL & GAS INC	AC	BRADFORD, W. H. & D. M.
1408	506339.2	4341712.9	8504000	7/5/2006	9/21/2006	EQT PRODUCTION COMPANY	PL	HALL, RUTH
1409	505412.95	4342581.59	8503969	NA	1/1/1900	EQUITRANS, L P	PL	WILSON, L. C.
1410	498822.8	4346285.8	8507084	9/20/1984	NA	SUMMERS PETROLEUM INC	AC	MOORE, JACK
1411	513375.3	4344264.7	1700229	12/1/1957	NA	OPERATOR UNKNOWN	AB	LEGGETT, AMY & RAYMOND
1412	505726.2	4359032.5	8508324	2/7/1994	12/30/1929	BEECHLICK OIL INC	ABODR	DARNELL
1413	496296.5	4345433.9	8500791	3/26/1940	NA	OPERATOR UNKNOWN	PL	MCMULLEN, MARTIN - HEIRS
1414	496296.5	4345433.9	8500791	4/24/1940	NA	OPERATOR UNKNOWN	PL	MCMULLEN, MARTIN - HEIRS
1415	497969.4	4346575.9	8507406	9/23/1985	NA	RARE EARTH MINERALS, INC.	AC	LEMICH, CHARLES
1416	508696.2	4350300.1	8502294	12/31/1960	NA	OPERATOR UNKNOWN	AB	COSTILOW, BERKELEY & MAMI
1417	499548.1	4342080.7	8507254	12/27/1984	NA	CHARITY GAS, INC.	AC	MORGAN, MARTHA
1418	508272.7	4344206.1	8504944	12/8/1980	NA	HILL, PALMER OR IRENE	PL	MAYFIELD, WANDA
1419	509084	4352445.3	8506255	6/3/1983	NA	ENERGY CORPORATION OF AMERICA	AC	MULVAY, EDWIN D.
1420	500990.71	4338656.18	8504093	9/3/1923	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	RIGGS, J. F.
1421	501144.7	4349621.3	8509256	11/22/2005	NA	KEY OIL COMPANY	ND	NOLAND, DARRELL & JOY
1422	510192.7	4342119.7	1702788	5/17/1996	NA	ABARTA OIL & GAS COMPANY	AC	BRITTON, FOREST MRS.
1423	510192.7	4342119.7	1702788	8/8/1980	5/17/1996	MERIDIAN EXPLORATION CORP.	AC	BRITTON, FOREST MRS.
1424	502871.2	4341759	8507870	8/20/1989	NA	ENERGY CORPORATION OF AMERICA	AC	LAMM, JACK E., ETAL
1425	505337.4	4354168.1	8502856	3/9/1964	NA	C G & R OIL & GAS CO	PL	NUTTER, O. E.
1426	499370	4342597.4	8509122	9/30/2004	NA	BOWIE INC	ND	RAINES, JIM, ETAL
1427	509981.8	4341758.8	8504838	8/6/1996	NA	ABARTA OIL & GAS COMPANY	AC	ROSS, S. BYRL
1428	505435.1	4358974.2	8500708	3/10/1939	NA	BEECHLICK OIL INC	ABODR	BRADFORD, W. H. & D. M.
1429	506932.9	4343308	8507814	10/22/1988	NA	ENERGY CORPORATION OF AMERICA	AC	HARGIS, JACK & BETTY
1430	503209.34	4353274.71	8509727	5/28/2008	7/3/2008	PERKINS OIL & GAS INC	AC	TUMAS, FRANK
1431	501609.4	4346786.3	8500945	8/26/1942	NA	EQUITRANS, L P	AC	THOMAS, JOHN P., ETAL
1432	506210.9	4341277.9	8507736	11/5/1988	NA	ENERGY CORPORATION OF AMERICA	AC	PTACHICK, EDWARD & CARRIE
1433	501418.3	4349734	8509254	11/22/2005	10/30/2006	KEY OIL COMPANY	AC	NOLAND, DARRELL & JOY
1434	509157.1	4350221.6	8502384	10/15/1961	NA	OPERATOR UNKNOWN	PL	JONES, RAY C.
1435	505850.5	4346787.4	8507856	8/12/1989	NA	ENERGY CORPORATION OF AMERICA	AC	COTTRILL, RAY
1436	503636.4	4343128.5	8506882	3/27/1984	NA	OPERATOR UNKNOWN	AC	TAYLOR, RAY REX
1437	510029.5	4355476	8507966	8/31/1990	NA	ENERGY CORPORATION OF AMERICA	AC	ROWE, HADSEL - POA
1438	505286.5	4342329.4	8502677	1/6/1963	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	PRIMM, A. C.

1439	504061.8	4349348.5	8508074	9/20/1991	NA	ENERGY CORPORATION OF AMERICA	AC	SLEVIN, MRS. JOHN M.
1440	499387.2	4341468.6	8509096	7/27/2004	12/2/2004	STALNAKER ENERGY CORPORATION	AC	MAPLE, EUGENE R.
1441	506573.1	4349189.1	8507415	12/18/1986	NA	ENERVEST OPERATING L. I. C.	AC	HALL, GERALD
1442	505642.17	4351844.73	8506696	NA	NA	ENERGY CORPORATION OF AMERICA	ND	BLOCK, HAROLD
1443	503170.1	4345503.8	8501432	11/18/1952	NA	OPERATOR UNKNOWN	AC	WILSON, C. A.
1444	509028.5	4353469.2	8502608	11/1/1962	NA	RITCHIE PETROLEUM CORP.	AC	SHAHAN, E. C., ET VIR
1445	506932.9	4343308	8507814	3/2/2000	3/17/2000	ENERGY CORPORATION OF AMERICA	AC	HARGIS, JACK & BETTY
1446	504908.6	4340342.8	8506418	3/24/2000	6/11/2001	GASSEARCH CORPORATION	AC	RICHARDS, TERRY
1447	506491.1	4351041.5	8507066	8/31/1984	NA	ENERGY CORPORATION OF AMERICA	AC	DEPINHO, ALFRED M.
1448	504190	4347063.4	8501457	7/16/1953	NA	OPERATOR UNKNOWN	PL	TAYLOR, BRENT
1449	504190	4347063.4	8501457	7/8/1953	NA	OPERATOR UNKNOWN	PL	TAYLOR, BRENT
1450	504481	4344473.6	8503551	8/1/1974	NA	OPERATOR UNKNOWN	PL	GOFF, NORMA J.
1451	498902.1	4339666.1	8503344	2/26/1970	NA	ALLSTATE ENERGY CORP	AC	WELLINGS, J. E.
1452	499966.2	4347735.4	8506673	5/30/1995	NA	GASSEARCH CORPORATION	AC	LAMBERT, ROBERT, ETAL
1453	508748.6	4350157.8	8508146	1/6/1993	1/6/1993	APPALACHIAN ENERGY DEV INC	AC	QUINN, MICHAEL
1454	504246.8	4344385.1	8507883	11/8/1989	NA	ENERGY CORPORATION OF AMERICA	AC	GOFF, CARL, ETUX
1455	500667.1	4339474.7	8501590	9/16/1955	NA	APPLIED MECHANICS CORP.	AC	WILSON, RUBY DOTSON
1456	513642.5	4343252.5	1704194	5/31/1995	5/31/1995	FLUHARTY ENTERPRISES INC	AC	MAYHORN, JIMMY & LORETTA
1457	506900	4353855	8510015	3/7/2013	2/25/2013	ANTERO RESOURCES APPALACHIAN CORP	PL	HAYMOND, ANNE (LIFE)
1458	506900	4353855	8510015	1/31/2013	2/25/2013	ANTERO RESOURCES APPALACHIAN CORP	PL	HAYMOND, ANNE (LIFE)
1459	509466.2	4355668.5	8507806	10/10/1988	NA	FLUHARTY ENTERPRISES INC	AC	BEEN, MITCHELL R.
1460	503453.18	4353625.23	8509728	5/28/2008	7/3/2008	PERKINS OIL & GAS INC	AC	TUMAS, FRANK
1461	501891	4349949	8510098	6/24/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	NOLAND, DARRELL A. , ET A
1462	495520.8	4344049.6	8500654	6/6/1938	NA	OPERATOR UNKNOWN	PL	SMITH, EFFIE
1463	507417	4345613	8507779	7/22/1988	NA	ENERGY CORPORATION OF AMERICA	AC	FLANAGAN, GEORGE, ETUX
1464	505936.6	4358851.1	8500773	3/31/1940	NA	OPERATOR UNKNOWN	PL	PERKINS, A. M.& ETHEL
1465	495520.8	4344049.6	8500654	6/29/1945	NA	OPERATOR UNKNOWN	PL	SMITH, EFFIE
1466	497050.9	4343893.3	8503372	8/1/1970	NA	EXCO RESOURCES (WV), INC.	AC	McCLASKEY, J.
1467	509333.1	4356450	8501133	12/26/1946	NA	OPERATOR UNKNOWN	AB	MERIDITH, BLANCHE
1468	501883	4349954	8510099	6/24/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	NOLAND, DARRELL A. , ET A
1469	508341.1	4354926.3	8508128	7/2/1992	NA	DOMINION EXPLORATION & PRODUCTION	AC	BOND, GENE P.
1470	504044.7	4344130.4	8503566	11/1/1974	NA	GASSEARCH CORPORATION	AC	TAYLOR, E. R. - HEIRS
1471	501666.6	4346001.5	8501037	9/26/1944	1/1/1900	EQUITRANS, L P	AC	THOMAS, JOHN P.
1472	506023.9	4351620.8	8506402	8/13/1983	NA	ENERGY CORPORATION OF AMERICA	AC	BLOCK, HAROLD H.
1473	500313.9	4339067.4	8509113	8/25/2004	11/14/2004	STALNAKER ENERGY CORPORATION	AC	DOTSON, RUBY
1474	507001.4	4359316.4	8501410	4/10/1952	NA	BEECHLUCK OIL INC	AC	MARSH, J. R.

1475	499232.7	4341268.4	8504396	10/19/1979	NA	DEEM, J. F. OIL & GAS, LLC	AC	McGINNIS, SADIE
1476	508975.7	4348642.7	1703493	1/27/1987	NA	ENERVEST OPERATING L. L. C.	AC	DOTSON, ROGER DEAN
1477	512723	4343587	1706190	3/1/2013	NA	ANTERO RESOURCES APPALACHIAN CORP	NAVL	PRIMM, OLIN E. AND MARY
1478	503985.28	4348592.36	8506999	NA	NA	EQT PRODUCTION COMPANY	ND	HENDERSHOT, J., ETAL
1479	503253.3	4349750.8	8506991	8/7/2003	NA	ENERVEST OPERATING L. L. C.	AC	WILSON FAMILY TRUST
1480	503151.1	4352070.7	8501216	7/26/1948	NA	OPERATOR UNKNOWN	AB	WHALEY, J.W. & G.A. SMITH
1481	496535.6	4344305.5	8502094	8/26/1959	NA	CRESTON OIL CORPORATION	PL	BRAKE, PHILIP & ELAINE
1482	503879.81	4343445.7	8509825	8/13/2009	9/15/2009	KEY OIL COMPANY	AC	TAYLOR, DALE
1483	503032.9	4339519.1	8507473	1/10/1986	NA	DOMINION EXPLORATION & PRODUCTION	AC	STERNAMAN, ELIZABETH
1484	512323.3	4343540.2	1702341	3/28/1979	4/4/1996	MERIDIAN EXPLORATION CORP.	AC	PRIMM, OLIN
1485	511841	4343161	1706289	8/21/2013	NA	ANTERO RESOURCES APPALACHIAN CORP	NAVL	WILLIAMS, ROBERT
1486	497534.2	4345223	8505696	6/22/1982	NA	OPERATOR UNKNOWN	AC	CHURCH, TOM
1487	512347.2	4343179.6	1700525	5/6/1961	NA	FLUHARTY ENTERPRISES INC	AB	LEGGETT, ERNESTINE F.
1488	495566.8	4343998.5	8508327	NA	12/3/1928	SIX, RONALD D. & RALPH K.	AC	MILLS, TROY
1489	513223.4	4343751.1	1701971	NA	NA	TRANS-CAPITAL INVESTMENT GROUP IN	AC	BEVER, A.
1490	513223.4	4343751.1	1701971	1/21/1958	NA	TRANS-CAPITAL INVESTMENT GROUP IN	AC	BEVER, A.
1491	506922.9	4354119.5	8504669	2/15/2000	NA	BACHELOR, C. L.	AC	NUTTER, O. E.
1492	504193	4345853.8	8510097	5/22/2014	NA	EQT PRODUCTION COMPANY	NAVL	BRITTON, DEWAYNE ET UX
1493	502812.1	4341577.6	8504945	11/6/1980	NA	RAMCO ENERGY CORPORATION	AC	DODD, BURL
1494	510779.4	4348178	1701314	12/1/1965	NA	RITCHIE PETROLEUM CORP.	AC	CARDER, A. A.
1495	511562.1	4344703.5	1701020	10/3/1963	NA	RITCHIE PETROLEUM CORP.	AC	ROSS, F. H.
1496	507115.7	4354345.2	8506070	1/5/1983	NA	EXCO RESOURCES (WV), INC.	AC	HAYMOND, H. K., JR.
1497	503990.8	4342928.9	8501462	7/3/1953	NA	OPERATOR UNKNOWN	AB	TAYLOR, E. R. - HEIRS
1498	508351.2	4345517.3	1702674	NA	6/13/1997	NESLER, CHARLES E.	PL	RADTKA, JOHN
1499	508351.2	4345517.3	1702674	NA	NA	NESLER, CHARLES E.	PL	RADTKA, JOHN
1500	497772.9	4342990.9	8504980	11/15/1980	NA	ALLSTATE ENERGY CORP	AC	SMITH, DAVID
1501	513386.7	4342350.1	1704522	8/16/1999	9/25/1999	KEY OIL COMPANY	AC	JAMES, EMMIT & ELAINE
1502	499318.4	4339695.3	8501469	7/27/1953	NA	OPERATOR UNKNOWN	PL	KIRKPATRICK, RAY
1503	499318.4	4339695.3	8501469	8/8/1959	NA	OPERATOR UNKNOWN	PL	KIRKPATRICK, RAY
1504	503914.8	4342601.2	8501407	7/15/1952	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	KNIGHT, ALPHA
1505	502051.5	4339518.7	8501400	6/1/1952	NA	RICHARDS, C W & J E	PL	WILSON, J. A.
1506	509538	4349627.2	8508152	1/4/1993	1/4/1993	KEY OIL COMPANY	AC	DOTSON, LONNIE
1507	506172.8	4346465.5	8507881	10/16/1989	NA	ENERGY CORPORATION OF AMERICA	AC	WILLIAMS, WILTON E. JR.
1508	513707.7	4342705	1704539	2/8/2000	2/16/2000	OHIO L & M COMPANY INC	AC	HART, DENNIS
1509	500182.5	4340999.1	8504327	9/11/1979	NA	DEEM, J. F. OIL & GAS, LLC	AC	ELDER, JESSIE
1510	499017	4339647.3	8506142	2/10/1983	NA	SOLOMON PRODUCTION CORPORATION	AC	KIRKPATRICK, H. RAY

1511	499017	4339647.3	8506142	3/16/1983	NA	SOLOMON PRODUCTION CORPORATION	AC	KIRKPATRICK, H. RAY
1512	497360.3	4340873	8506794	1/1/1929	NA	PRIOR, FERRELL L	AB	RUTHERFORD, CHUCK
1513	508255.3	4345463.9	1702619	3/21/1980	NA	NESLER, CHARLES E.	AC	CALDWELL HEIRS
1514	504481.9	4346561	8507929	5/20/1990	NA	ENERGY CORPORATION OF AMERICA	AC	COTTRILL, RAY
1515	502919.7	4343464	8504544	8/17/1980	NA	HAUGHT INC	AC	TAYLOR, MARK
1516	498917.23	4340377.43	8505115	NA	NA	BRONCO ENTERPRISES, INC.	ND	PRUNTY
1517	507369.5	4344727.1	8507692	10/6/1987	NA	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
1518	509717.5	4353727	8502614	9/29/1962	10/28/1962	OPERATOR UNKNOWN	PL	JONES, W. H. V.
1519	506789.6	4359428.4	8501388	9/22/1951	NA	OPERATOR UNKNOWN	AC	MARSH, J. R.
1520	503466.58	4341199.79	8503932	2/26/1992	NA	CARNEGIE PRODUCTION CO	PL	RIGGS, WANEMA
1521	503466.58	4341199.79	8503932	1/13/1923	2/26/1992	CARNEGIE PRODUCTION CO	PL	RIGGS, WANEMA
1522	505077.8	4346368.1	8507871	9/21/1989	NA	ENERGY CORPORATION OF AMERICA	AC	COTTRILL, RAY & VIRGINIA
1523	509730.37	4347514.56	1704396	NA	NA	TRIO PETROLEUM CORP.	ND	DOAK, RICKY WAYNE
1524	498107.3	4346967.2	8502891	5/26/1965	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	HILEY, MINNIE
1525	496530.64	4345632.3	8505266	NA	NA	CHASE PETROLEUM, INC.	AB	FOX, RUSSELL, ETAL
1526	499901.9	4339260.7	8507296	1/30/1985	NA	PACIFIC ATLANTIC RESOURCES, INC.	AC	TATE, DENVER
1527	511244.3	4343123.7	1702544	1/14/1980	NA	OHIO L & M COMPANY INC	AC	WILSON
1528	508757.9	4346311	1703069	2/13/1982	NA	R C DEVELOPMENT INC	AC	HILL, G. W.
1529	511158.6	4345331.1	1702344	2/4/1979	NA	VINSON GAS & OIL CO., INC.	AB	LEESON, LEONIDAS
1530	497838.9	4345170.2	8504143	10/18/1978	NA	CHARITY GAS, INC.	AC	MULLENS, STEVE
1531	507265	4342599.6	8507860	9/15/1989	NA	ENERGY CORPORATION OF AMERICA	AC	COTTRILL, JUNIOR GARY
1532	505388.4	4351506.6	8503415	8/1/1971	NA	RED GAS COMPANY	AC	TAYLOR, ARLIE
1533	505430	4349446	8508291	1/4/1994	1/4/1994	KEY OIL COMPANY	AC	MOUNTAIN STATE ACADEMY
1534	501819.77	4339875.38	8508296	NA	NA	ENERGY CORPORATION OF AMERICA	ND	WILSON, EFFIE
1535	509307.4	4354025.4	8508029	3/6/1991	NA	TRIAD RESOURCES, INC.	AC	CHRISTIAN YOUTH CAMP
1536	503717.9	4340793.1	8508053	6/5/1991	NA	ENERGY CORPORATION OF AMERICA	AC	JONES, JOHN D.
1537	504287.4	4348896.3	8508054	6/20/1991	NA	ENERGY CORPORATION OF AMERICA	AC	CUNNINGHAM, MARTHA
1538	503302.91	4344764.55	8504803	NA	1/1/1900	CHASE PETROLEUM, INC.	ND	WEEKLY, DALE
1539	505700.1	4354311.7	8506160	6/15/1983	NA	EXCO RESOURCES (WV), INC.	AC	HAYMOND, H. K.
1540	505700.1	4354311.7	8506160	6/23/1983	NA	EXCO RESOURCES (WV), INC.	AC	HAYMOND, H. K.
1541	506896	4353850	8509962	6/25/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	HAYMOND, ANNIE (LIFE)
1542	506896	4353850	8509962	8/13/2012	1/31/2013	ANTERO RESOURCES APPALACHIAN CORP	NAVL	HAYMOND, ANNIE (LIFE)
1543	506633.99	4348907.83	8509799	4/8/2009	NA	KEY OIL COMPANY	ND	P.M. MANAGEMENT COMPANY
1544	508452.5	4356102.2	8505090	4/10/1981	NA	ABARTA OIL & GAS COMPANY	AC	McCULLOUGH, BEN
1545	507285.1	4348834.2	8508076	3/7/1992	NA	KEY OIL COMPANY	AC	P. M. MANAGEMENT
1546	507799.5	4349657.5	8507351	7/22/1985	NA	ENERGY CORPORATION OF AMERICA	AC	HOGAN, JAMES R., SR.

1547	507524.2	4351316.2	8507570	1/7/1987	NA	EQT PRODUCTION COMPANY	AC	DOTSON, L. EVERETT
1548	509633.4	4350545.4	8507187	NA	NA	ENERGY CORPORATION OF AMERICA	AC	CODDINGTON, JAMES W.
1549	499290.6	4340856.6	8509177	5/18/2005	10/5/2006	STALNAKER ENERGY CORPORATION	AC	KROTKY, KENNETH, ET AL
1550	504392.2	4343048.4	8507689	10/7/1987	NA	GASSEARH CORPORATION	AC	FERIS, ROSE, ETAL
1551	496535.6	4344305.5	8502094	8/1/1959	NA	CRESTON OIL CORPORATION	PL	BRAKE, PHILIP & ELAINE
1552	507442.8	4341681.7	8506363	12/7/1984	NA	D. G. HANEY, INC.	AC	WEEKLEY, ERMONY MAE
1553	500292.2	4347740.8	8501170	7/19/1947	NA	DOMINION TRANSMISSION INC	PL	WILSON, ANNA
1554	500292.2	4347740.8	8501170	4/26/1947	NA	DOMINION TRANSMISSION INC	PL	WILSON, ANNA
1555	504735.7	4352892.4	8502520	3/23/2005	NA	PERKINS OIL & GAS INC	AC	DAVIS, LEWIS & NORMA
1556	506665.6	4354038.8	8506049	12/20/1982	NA	EXCO RESOURCES (WV), INC.	AC	HAYMOND, H. K.
1557	512323.3	4343540.2	1702341	4/4/1996	NA	ABARTA OIL & GAS COMPANY	AC	PRIMM, OLIN
1558	506604.4	4343082.2	8504041	10/5/1978	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	TAYLOR, E. J.
1559	508181.7	4353555.7	8505986	6/28/1983	NA	ENERGY CORPORATION OF AMERICA	AC	HICKMAN, DOLPH, ETUX
1560	502065.42	4346261.11	8509654	11/6/2007	9/21/2008	EQT PRODUCTION COMPANY	AC	MARKWITH, DENNIS
1561	504703.1	4353585	8507097	8/27/1984	NA	ENERVEST OPERATING L. L. C.	AC	ROBERTSON, RICHARD TEX
1562	509456.9	4350338.2	8504101	10/13/1978	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	TAYLOR, STEPHEN
1563	511521.8	4347125.2	1700959	6/18/1963	NA	OPERATOR UNKNOWN	PL	B & O RAILROAD
1564	509270.2	4344648.6	1704405	NA	12/17/1997	KEY OIL COMPANY	AC	WESTVACO
1565	501193.1	4348879	8506901	5/9/1984	NA	RARE EARTH MINERALS, INC.	AB	DAVIS, JOHN & EDGAR
1566	504144.2	4349688	8503411	6/1/1971	NA	OPERATOR UNKNOWN	AB	WILSON, J. M.
1567	505698.1	4357049.9	8509337	5/8/2006	2/8/2007	PETROEDGE RESOURCES (WV), LLC	AC	J. C. HAMER COMPANY
1568	504050.3	4342789.9	8501331	7/31/1950	NA	OPERATOR UNKNOWN	AB	TAYLOR, RAY REX
1569	506718.7	4348318.3	8507734	3/17/1988	NA	KEY OIL COMPANY	AC	ROGERS, COMELLA
1570	509916.9	4343987.7	1704023	6/30/1993	NA	FLUHARTY ENTERPRISES INC	AC	BRITTON, F. M.
1571	507322.74	4342101.19	8507809	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	MCATTEE, ERNEST L., JR.
1572	503192.8	4342145.8	8507839	8/13/1989	NA	ENERGY CORPORATION OF AMERICA	AC	KNIGHT, ALPHA H.
1573	497260.2	4344723.8	8507240	4/17/1985	NA	RARE EARTH MINERALS, INC.	AB	JACKSON, ROBERT
1574	501953.7	4341466.7	8503565	9/10/1987	NA	MURVIN & MEIER OIL CO.	PL	DODD, MAX & LAURA
1575	503225.5	4340712.4	8508083	10/3/1991	NA	ENERGY CORPORATION OF AMERICA	AC	MARKS, DONALD
1576	505713.3	4358258	8506922	6/9/1984	NA	ENERVEST OPERATING L. L. C.	AC	BISHOP, OLEY J.
1577	512715	4343577	1706563	9/3/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	PRIMM, OLIN E. & MARY
1578	498791.8	4340019.1	8507511	5/7/1986	NA	ALLSTATE ENERGY CORP	AC	HADDOX, HARRY H.
1579	503384	4339385	8504333	9/11/1979	NA	DEEM, J. F. OIL & GAS, LLC	AC	HOWARD, JOSEPH A.
1580	503384	4339385	8504333	4/18/2013	NA	DEEM, J. F. OIL & GAS, LLC	AC	HOWARD, JOSEPH A.
1581	507173.3	4344226.3	8507763	11/12/1999	1/18/2000	ENERGY CORPORATION OF AMERICA	AC	LAMM, RANDAL O.
1582	498953.9	4340778	8504532	2/13/1980	NA	OPERATOR UNKNOWN	AB	RYMER, ROBERT

1583	510971	4347123	1706692	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	HOLLAND, ROBERT L. JR.
1584	509342.6	4351495.3	8507113	10/16/1984	NA	ENERGY CORPORATION OF AMERICA	AC	McCULLOUGH, G. I. & K. E.
1585	504762.3	4342301.9	8501425	10/13/1952	NA	OPERATOR UNKNOWN	PL	TAYLOR, T. F., ETAL
1586	510915.66	4345841	1705972	3/4/2011	10/3/2011	KEY OIL COMPANY	AC	KOPPERS, STEPHEN J.
1587	504443.09	4354271.13	8507030	NA	NA	ENERGY CORPORATION OF AMERICA	ND	JEWELL, HESTER & BRADEN
1588	503822	4345803.6	8507877	5/15/1990	NA	ENERGY CORPORATION OF AMERICA	AC	FERRELL, MARY SUE
1589	499451.4	4339470.1	8505974	11/6/1982	1/1/1900	PRIOR, FERRELL L	AC	GASTON, AREENA JO
1590	502264.2	4345018.3	8501390	12/1/1951	NA	OPERATOR UNKNOWN	AC	WILSON, C. A.
1591	508347.8	4344373.6	8500546	5/5/1937	NA	NIGHT OWL WELL SERVICE	AC	NUTTER, M. B.
1592	505109.8	4346803	8507857	9/29/1989	NA	ENERGY CORPORATION OF AMERICA	AC	COTTRILL, RAY
1593	508281.9	4350076.7	8507093	9/23/1984	NA	ENERGY CORPORATION OF AMERICA	AC	TOOTHMAN, DEXTER
1594	508387	4342351	8510141	9/23/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	QUIMBY, FRANKLIN P.
1595	501192.17	4348277.37	8507036	NA	NA	EQT PRODUCTION COMPANY	ND	FLANAGAN, WILLARD & HELEN
1596	502384.54	4342624.73	8508089	NA	NA	ENERGY CORPORATION OF AMERICA	ND	KNIGHT, KARL C.
1597	512416.2	4341565.1	1702573	1/18/1980	NA	ABARTA OIL & GAS COMPANY	AC	SMITH, T. V.
1598	505713.9	4351405.4	8502512	11/24/1965	NA	OPERATOR UNKNOWN	PL	TAYLOR, J. ARLIE
1599	510089.2	4342283.7	1701345	9/4/1976	NA	MANN, C L	PL	BRITTON, FOREST
1600	510089.2	4342283.7	1701345	12/29/1965	NA	MANN, C L	PL	BRITTON, FOREST
1601	504366.6	4352900.5	8504295	8/15/1970	NA	PERKINS OIL & GAS INC	AC	COLLINS, CREED
1602	508389	4344259.7	8500557	8/10/1994	NA	NIGHT OWL WELL SERVICE	AC	COASTAL LUMBER CO.
1603	507819.5	4345726.1	8507786	7/29/1988	NA	ENERGY CORPORATION OF AMERICA	AC	FLANAGAN, GEORGE, ETUX
1604	509981.8	4341758.8	8504838	6/11/1980	8/6/1996	MERIDIAN EXPLORATION CORP.	AC	ROSS, S. BYRL
1605	504171.51	4352705.79	8507341	NA	1/1/1900	EQT PRODUCTION COMPANY	ND	LANTZ, EDNA COLLINS, ETAL
1606	503250.4	4343923.6	8501050	3/26/1945	NA	BIG T OIL & GAS	AC	TAYLOR, RAY R
1607	508228	4344452.8	8507800	10/17/1988	NA	ENERGY CORPORATION OF AMERICA	AC	NUTTER, M. B. - HEIRS
1608	503035.51	4342657.79	8504914	NA	1/1/1900	HAUGHT INC	ND	BAKER, EDGEL K., ETUX
1609	505880.7	4349462.4	8508293	12/23/1993	12/23/1993	KEY OIL COMPANY	AC	HALL, GERALD
1610	509879.7	4346694.9	1703436	8/16/1985	NA	ENERGY CORPORATION OF AMERICA	AC	DAVIS, MARY JANE
1611	505630.9	4359043.7	8500785	1/26/1940	NA	BEECHLICK OIL INC	ABODR	DARNELL, Z.
1612	506270.6	4345048.2	8507767	6/10/1988	NA	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
1613	509436.4	4353767.8	8507722	1/3/1988	NA	APPALACHIAN ENERGY DEV INC	AC	LANGON, VERA
1614	503785.5	4342941.4	8501482	8/5/1953	NA	OPERATOR UNKNOWN	AB	TAYLOR, E. R.
1615	504071.1	4342001.3	8508097	3/24/1992	NA	ENERGY CORPORATION OF AMERICA	AC	TAYLOR, HARRY G.
1616	509226.3	4354540.7	8507656	7/8/1987	NA	DOMINION EXPLORATION & PRODUCTION	AC	WINKLER, MILLARD
1617	512049.1	4344087.4	1703027	10/11/1996	NA	ABARTA OIL & GAS COMPANY	AC	PRIMM, OLIN
1618	512049.1	4344087.4	1703027	8/13/1981	10/11/1996	MERIDIAN EXPLORATION CORP.	AC	PRIMM, OLIN

1619	507449	4342067	8510184	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	COTTRILL, CHARLES E. ET AL
1620	505433	4345160.3	8507963	9/7/1990	NA	ENERGY CORPORATION OF AMERICA	AC	HEISE, LENORA - TRUSTEE
1621	505926.7	4352438.3	8504792	5/21/1980	NA	KIEDAISCH AND SUMMERS ENTERPRISES	AC	DELOE, KENNETH R.
1622	507449	4342070	8510183	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	COTTRILL, CHARLES E. ET AL
1623	501452.64	4344528.88	8504681	NA	NA	DEEM, J. F. OIL & GAS, LLC	AC	McCULLOUGH
1624	500169.7	4342075.7	8504170	12/5/1978	NA	DEEM, J. F. OIL & GAS, LLC	AC	ELDER, H. E.
1625	503608.5	4347543	8508398	6/10/1995	6/10/1995	ENERGY CORPORATION OF AMERICA	AC	JONES, FLOYD & ANNA
1626	505085.3	4340697.2	8508427	9/6/1996	9/6/1996	GASSEARCH CORPORATION	AC	RICHARDS, TERRY
1627	505085.3	4340697.2	8508427	4/29/2002	5/16/2002	GASSEARCH CORPORATION	AC	RICHARDS, TERRY
1628	505672.5	4347930.8	8508175	11/4/1993	11/4/1993	KEY OIL COMPANY	AC	PERINE, OPAL, MRS.
1629	506141	4345901.7	8507796	5/10/2002	7/10/2002	ENERGY CORPORATION OF AMERICA	AC	COLLINS, CLYDE ETAL
1630	506141	4345901.7	8507796	11/3/1988	11/3/1988	ENERGY CORPORATION OF AMERICA	AC	COLLINS, CLYDE ETAL
1631	499117.2	4341275.7	8502979	7/29/1968	NA	OPERATOR UNKNOWN	PL	RYMER, LUCILLE, ETAL
1632	499117.2	4341275.7	8502979	2/3/1965	NA	OPERATOR UNKNOWN	PL	RYMER, LUCILLE, ETAL
1633	498389.22	4339723.09	8503328	8/6/1969	NA	ALLSTATE ENERGY CORP	AC	ZINN, ROY S.
1634	511896.49	4343268.36	1706041	9/14/2011	10/13/2011	KEY OIL COMPANY	AC	PRIMM, OLIN
1635	508688.24	4344182.97	8505038	NA	1/1/1900	UNITED OPERATING COMPANY	ND	NUTTER, D. V. - HEIRS
1636	505807.5	4342952.6	8507673	9/15/1987	NA	ENERGY CORPORATION OF AMERICA	AC	JANOTHA, MANFRED & SUE
1637	508092.6	4348282.58	8507499	2/17/1987	NA	ENERVEST OPERATING L. L. C.	AC	DOTSON, HOMER K.
1638	504456.9	4342404.1	8508402	NA	9/1/1929	BEECHLICK OIL INC	AC	TAYLOR, HARRY
1639	509200.1	4357366.9	8501287	7/13/1954	NA	OPERATOR UNKNOWN	PL	PIERPOINT, FAY
1640	509200.1	4357366.9	8501287	10/3/1949	NA	OPERATOR UNKNOWN	PL	PIERPOINT, FAY
1641	505191.7	4344725.3	8507677	9/9/1987	NA	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
1642	505191.7	4344725.3	8507677	3/15/1990	NA	ENERGY CORPORATION OF AMERICA	AC	WESTVACO CORP.
1643	509217.1	4348707.4	1704075	2/14/1994	NA	EQUITRANS, L P	PL	COCHRAN, J. O. - ESTATE
1644	506470	4355489.5	8501053	5/14/1945	NA	DOMINION TRANSMISSION INC	PL	RIGGS, G. A. - HEIRS
1645	506470	4355489.5	8501053	3/26/1945	NA	DOMINION TRANSMISSION INC	PL	RIGGS, G. A. - HEIRS
1646	503253.3	4349750.8	8506991	11/29/1984	NA	ENERVEST OPERATING L. L. C.	AC	WILSON FAMILY TRUST
1647	503418.73	4346059.95	8507931	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	BARNARD, JOHN T.
1648	503253.3	4349750.8	8506991	3/23/2005	6/15/2005	SENECA-UPSHUR PETROLEUM	AC	WILSON FAMILY TRUST
1649	501072.5	4346859.1	8501129	10/26/1946	NA	OPERATOR UNKNOWN	AB	SCHULTE, HENRY C.
1650	504196.8	4345851.3	8510096	5/22/2014	NA	EQT PRODUCTION COMPANY	NAVL	BRITTON, DEWAYNE ET UX
1651	496038.7	4342070.8	8503375	8/1/1970	NA	DEEM, J. F. OIL & GAS, LLC	AC	CURRY, E. C., JR.
1652	499472	4342380.1	8501819	12/1/1957	NA	RICHARDS, C W & J E	PL	BROADWATER, ARNOLD
1653	508963.6	4345179.7	1703751	11/6/1989	NA	ENERGY CORPORATION OF AMERICA	AC	KNIGHT, ANCIL, ETAL
1654	509882.7	4348739.5	1701424	2/1/1967	NA	RITCHIE PETROLEUM CORP.	AC	WILLIAMSON, H. D.

1655	495986.4	4342300.1	8503391	12/1/1970	NA	DEEM, J. F. OIL & GAS, LLC	AC	CURREY, E. C.
1656	505575	4358960	8500738	8/26/1939	NA	DOMINION TRANSMISSION INC	AB	DARNELL, ZACKQUILL
1657	505194.4	4339831.4	8500655	9/5/1938	NA	CARNEGIE PRODUCTION CO	PL	AYERS, EVA J.
1658	499499.9	4343884.6	8508375	9/19/1994	10/1/1994	CHARITY GAS, INC.	AC	SETH, CRAIG & LINDA
1659	497389.3	4345513	8507390	6/6/1985	NA	RARE EARTH MINERALS, INC.	AC	JACKSON, ROBERT
1660	501279.1	4340647.3	8508972	10/15/2003	1/13/2004	STALNAKER ENERGY CORPORATION	AC	WILSON, JAMES ET AL
1661	502950.7	4349251.1	8502295	2/16/1961	NA	CHARITY GAS, INC.	AC	WILSON, CLIFF
1662	496407.2	4344367.5	8502042	5/1/1959	NA	EXCO RESOURCES (WV), INC.	AC	BRAKE, PHILIP I.
1663	500308.86	4341073.3	8506934	NA	NA	OPERATOR UNKNOWN	ND	BROWN, FRANKLIN C.
1664	500852.1	4340795.2	8504334	9/14/1979	NA	DEEM, J. F. OIL & GAS, LLC	AC	ELDER, L.
1665	505706.3	4341988.7	8502334	5/1/1961	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	TAYLOR, E. J.
1666	495633.95	4341332.17	8502115	7/30/2001	10/8/2001	LUCAS WELL SERVICE, INC.	PL	WV PUBLIC LAND CORP.
1667	513608.4	4342768.1	1700262	12/15/1958	NA	HUNTER, R J	PL	CUNNINGHAM, GLENN C.
1668	513608.4	4342768.1	1700262	5/7/1960	NA	HUNTER, R J	PL	CUNNINGHAM, GLENN C.
1669	502826.6	4348128.6	8501573	5/13/1955	NA	CHARITY GAS, INC.	AC	CARPENTER, W. G.
1670	504675.4	4346110.1	8507873	11/20/1989	NA	ENERGY CORPORATION OF AMERICA	AC	COTTRILL, RAY & VIRGINIA
1671	508384.1	4344002	8500575	9/12/1937	NA	NIGHT OWL WELL SERVICE	AC	NUTTER, M. B.
1672	503127.6	4344142.9	8504801	7/10/1980	NA	ABARTA OIL & GAS COMPANY	AC	WEEKLEY, DALE
1673	500650.9	4348560.4	8501194	9/26/1947	10/17/1947	DOMINION TRANSMISSION INC	PL	LAMBERT, NOBLE
1674	497473.9	4344158.7	8506489	12/30/1983	NA	SUGAR ROCK INCORPORATED	AC	SHEPPARD, P. & N.
1675	510103.7	4347838.7	1704819	3/31/2004	1/25/2005	KEY OIL COMPANY	AC	DOAK, RICKY WAYNE
1676	511081.8	4347573.4	1701128	6/1/1964	NA	RITCHIE PETROLEUM CORP.	AC	BARKER, D., ETAL
1677	509308.9	4352767.7	8508794	6/18/2001	10/14/2001	KEY OIL COMPANY	AC	BRADLEY, RONALD
1678	503449.1	4344368.6	8507782	6/14/1988	NA	GASSEARCH CORPORATION	AC	TAYLOR, RAY REX
1679	497727.5	4345464.6	8507373	4/14/1985	NA	RARE EARTH MINERALS, INC.	AC	BIALEK, MICHAEL
1680	509374.1	4352043	8506256	10/7/1983	NA	ENERGY CORPORATION OF AMERICA	AC	MULVAY, EDWIN D.
1681	501632.5	4342837.8	8507996	1/5/1991	NA	ENERGY CORPORATION OF AMERICA	AC	WILSON, EARL, JR.
1682	511141.3	4345198.8	1704305	10/24/1996	10/24/1996	KEY OIL COMPANY	AC	SHEETS, ERIE D.
1683	500063.1	4344560.8	8501131	8/26/1946	NA	OPERATOR UNKNOWN	AB	MORRIS, L. J.
1684	504955.6	4342243.4	8507707	8/19/1988	NA	ENERGY CORPORATION OF AMERICA	AC	TAYLOR, HARRY J.
1685	509757	4354670.2	8505873	2/29/1988	NA	TRIAD RESOURCES, INC.	AC	LANGON, VERA
1686	501066.1	4341297.5	8501327	7/1/1950	NA	APPLIED MECHANICS CORP.	AB	GRUBB, C. & RIDDLE, J.
1687	511859	4343158	1706620	11/14/2014	NA	ANTERO RESOURCES CORPORATION	NAVL	WILLIAMS, ROBERT
1688	511264.5	4341799.1	1701360	4/7/1966	NA	EAST RESOURCES, INC.	PL	WILLIAMS, H. B.
1689	511264.5	4341799.1	1701360	4/8/1966	NA	EAST RESOURCES, INC.	PL	WILLIAMS, H. B.
1690	498872.9	4344335.6	8500662	7/23/1938	NA	CHARITY GAS, INC.	ABODR	JACKSON, D.

1691	508969.3	4345427.9	1701620	7/14/1971	NA	ROGERS, W LESLIE	PL	KOCK, VIRGINIA W.
1692	506109.73	4348333.28	8507414	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	HALL, GEROLD
1693	505978.7	4347576.7	8508162	8/25/1993	8/25/1993	KEY OIL COMPANY	AC	WILLIAMS, LOIS, MRS.
1694	504859.5	4341647.4	8505730	12/11/1983	NA	ENERGY CORPORATION OF AMERICA	AC	PETRY, C. N. & CONSTANCE
1695	507900.9	4344856.5	8500653	6/29/1938	NA	OPERATOR UNKNOWN	PL	FLANAGAN HEIRS
1696	504986.7	4343918.5	8506946	5/9/1984	NA	OPERATOR UNKNOWN	AC	COMER, RICHARD R.
1697	503428.1	4343931	8501086	11/26/1945	NA	OPERATOR UNKNOWN	AC	CARR, LENA R., ETAL
1698	508133.1	4353895.2	8507909	2/9/1990	NA	APPALACHIAN ENERGY DEV INC	AC	LANTZ, RALPH, ETUX
1699	501174.7	4345869.4	8502823	9/6/1966	NA	OPERATOR UNKNOWN	PL	THOMAS, JOHN P.
1700	501174.7	4345869.4	8502823	11/23/1963	NA	OPERATOR UNKNOWN	PL	THOMAS, JOHN P.
1701	512454.6	4341897.6	1702558	8/20/1996	NA	ABARTA OIL & GAS COMPANY	AC	JAMES, EMMIT
1702	512454.6	4341897.6	1702558	1/3/1980	8/20/1996	MERIDIAN EXPLORATION CORP.	AC	JAMES, EMMIT
1703	503636.9	4342001.1	8507840	8/12/1989	NA	ENERGY CORPORATION OF AMERICA	AC	KNIGHT, ALPHA H.
1704	501681.2	4340840.6	8504948	10/23/1980	NA	ABARTA OIL & GAS COMPANY	AC	AMOS, FRANKIE L.
1705	508670.6	4347965.9	1703723	6/28/1989	NA	ENERGY CORPORATION OF AMERICA	AC	CRAWFORD, JOSEPH H.
1706	502657.8	4349686	8509308	4/4/2006	NA	KEY OIL COMPANY	ND	DULANEY, ROBERT & SHIRLEY
1707	503055.9	4350473.2	8503406	5/1/1971	NA	OPERATOR UNKNOWN	AB	WILSON, J. M.
1708	498148.7	4341903.6	8506950	NA	NA	ENERGY CORPORATION OF AMERICA	ND	HILEMAN, CALVIN
1709	504145.8	4342330.1	8502769	6/17/1963	NA	OPERATOR UNKNOWN	AB	TAYLOR, HARRY C.
1710	505242.9	4344711.8	8510014	5/31/2013	10/31/2013	EQT PRODUCTION COMPANY	NAVL	HEARTWOOD FORESTLAND FUND
1711	504262.95	4349855.91	8506959	NA	NA	EQT PRODUCTION COMPANY	ND	PAULEY, JOSEPH D.
1712	505064.1	4340286.2	8501405	5/26/1952	NA	OPERATOR UNKNOWN	PL	COTTRILL, GRANVILLE
1713	500812.5	4340985.4	8509178	5/23/2005	7/26/2005	STALNAKER ENERGY CORPORATION	AC	ELDER, WAYNE B.
1714	505345.9	4354730.3	8507959	7/10/1990	NA	PARDEE EXPLORATION COMPANY	AC	GRAY, WALTER C.
1715	508127.4	4347326.3	1702487	3/10/1980	NA	ENERGY CORPORATION OF AMERICA	AC	CRANE, C.
1716	501328.3	4344157.7	8503571	12/20/1974	NA	BLAUSER WELL SERVICES, INC.	AC	BONNELL, O. R.
1717	500436.6	4345802.6	8504833	8/23/1980	NA	DEEM, J. F. OIL & GAS, LLC	AC	MAHANEY, W. L.
1718	509157.1	4350221.6	8502384	10/10/1961	NA	OPERATOR UNKNOWN	PL	JONES, RAY C.
1719	504015.8	4344821.2	8507903	12/6/1989	NA	ENERGY CORPORATION OF AMERICA	AC	BAIL, FREDERICK
1720	507123.8	4345500	8504576	11/16/1987	11/16/1987	PERKINS OIL & GAS INC	AC	WESTVACO CORP.
1721	500404.8	4341321.6	8504328	8/28/1979	NA	DEEM, J. F. OIL & GAS, LLC	AC	ELDER, JESSIE
1722	507396.9	4349866.5	8507942	3/1/1991	NA	KEY OIL COMPANY	AC	LEGGETT, ELWOOD & H. SEESE
1723	505759.2	4343000.9	8502801	12/6/1999	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	BARNARD, JOHN B.
1724	507604.1	4351928.3	8506672	9/28/1983	NA	ENERGY CORPORATION OF AMERICA	AC	BLOCK, HAROLD
1725	498993.3	4339474.3	8504363	10/1/1979	NA	ZICKEFOOSE, R. L. AND W.F.	AC	STANLEY, LAWRENCE M.
1726	496318.6	4343991.7	8503352	1/26/1970	NA	ROSS AND WHARTON GAS COMPANY, INC	AC	McGINNIS, SADA E.

1727	501525.2	4345560	8503581	2/20/1975	NA	DEEM, J. F. OIL & GAS, LLC	AC	DOLL, NATHAN
1728	508492.4	4348996.5	8508153	1/10/1993	1/10/1993	KEY OIL COMPANY	AC	WILSON, BARR & KATHLEEN
1729	507159.8	4342872.9	8503651	11/1/1976	NA	MOUNTAIN STATE OIL COMPANY LLC	AC	TAYLOR, E. J.
1730	508715.39	4347240.24	1704398	NA	NA	TRIO PETROLEUM CORP.	ND	CRANE, CECIL
1731	501486.8	4347494.8	8501007	3/26/1944	NA	CHARITY GAS, INC.	AC	FREELAND, SUSIE
1732	513809	4342773	1706659	NA	NA	ANTERO RESOURCES CORPORATION	NAVL	HORTON, JUDY A.
1733	501601.5	4347320.7	8501078	1/22/1946	NA	DOMINION TRANSMISSION INC	PL	DURKIN, JOHN, ETAL
1734	501601.5	4347320.7	8501078	12/26/1945	NA	DOMINION TRANSMISSION INC	PL	DURKIN, JOHN, ETAL
1735	507650	4343630.8	8507811	10/29/1988	10/29/1988	ENERGY CORPORATION OF AMERICA	AC	LAMM, RANDALL O.
1736	507651.04	4355927.38	8504550	NA	1/1/1900	UNKNOWN - DEP PAID PLUGGING CONTR	ND	McCULLOUGH, BEN
1737	505988.6	4359075.3	8500794	7/25/1951	NA	OPERATOR UNKNOWN	PL	PERKINS, A. M. & ETHEL
1738	496983.68	4340559.73	8504153	11/3/1978	NA	KIEDAISCH AND SUMMERS ENTERPRISES	AC	HARRIS, JOHN P. - HEIRS
1739	507163.1	4355295.6	8506198	1/29/1983	NA	ENERGY CORPORATION OF AMERICA	AB	HAYMOND, H. K., JR.
1740	496829.5	4341066.5	8508201	NA	12/2/1928	ELDER, H. H. & SON	AC	NATURAL RESOURCES DEPT.
1741	502951	4343806	8501130	3/4/1953	NA	DOMINION TRANSMISSION INC	PL	CARR, LENA R., ETAL
1742	502807.5	4340100.1	8507446	11/17/1985	5/20/1998	DOMINION EXPLORATION & PRODUCTION	AC	ELLIOTT, R. THOMAS
1743	501869	4349621.4	8509255	11/22/2005	NA	KEY OIL COMPANY	ND	NOLAND, DARRELL & JOY
1744	503893.8	4342935.4	8506836	1/18/1984	NA	OPERATOR UNKNOWN	AC	TAYLOR, RAY REX
1745	503893.8	4342935.4	8506836	1/18/1984	NA	OPERATOR UNKNOWN	AC	TAYLOR, RAY REX
1746	508839.5	4355184.5	8507906	12/20/1989	NA	ENERGY CORPORATION OF AMERICA	AC	ROBINSON, ROY & ELSIE
1747	509789.6	4354332	8507728	1/22/1988	NA	APPALACHIAN ENERGY DEV INC	AC	LANGON, VERA
1748	501247.1	4339035.3	8505305	10/26/1981	NA	APPLIED MECHANICS CORP.	AC	RICHARDS, A. K.
1749	510635.63	4346578.82	1703396	NA	1/1/1900	ENERGY CORPORATION OF AMERICA	ND	STONER, WILBUR, ETUX
1750	503432	4346093.3	8508388	4/2/1995	4/2/1995	ENERGY CORPORATION OF AMERICA	AC	BARNARD, BESSIE H. ETAL.
1751	509118.3	4350641.4	8507653	6/3/1987	NA	ENERGY CORPORATION OF AMERICA	AC	GARNER, EARL & VERL
1752	500555.2	4340051.2	8508974	7/31/2003	12/29/2003	STALNAKER ENERGY CORPORATION	AC	MOORE, JEAN
1753	510400.1	4343392.4	1704412	1/6/1998	1/6/1998	KEY OIL CO.	AC	BRITTON, WILLIAM P.
1754	506847.4	4359374.4	8501396	11/1/1951	NA	OPERATOR UNKNOWN	PL	MARSH, J. R.
1755	506847.4	4359374.4	8501396	3/6/1952	NA	OPERATOR UNKNOWN	PL	MARSH, J. R.
1756	509855	4353541.5	8505396	3/24/1988	NA	APPALACHIAN ENERGY DEV INC	AC	LANGON, VERA
1757	500919.3	4349927.3	8509315	4/4/2006	5/17/2006	KEY OIL COMPANY	AC	DAVIS, MICHAEL
1758	501772.7	4348557	8504936	10/1/1980	NA	LIPPIZAN PETROLEUM, INC.	AB	HAZELBAKER, J.
1759	513711.9	4342041.1	1702355	3/22/1979	NA	ABARTA OIL & GAS COMPANY	AC	COX, STELLA MAY
1760	508968.5	4343745	8508559	10/14/1998	10/14/1998	KEY OIL COMPANY	AC	MORRIS, I. L.
1761	501681.3	4340405.7	8504947	7/9/1996	NA	ABARTA OIL & GAS COMPANY	AC	AMOS, FRANKIE LEE
1762	501681.3	4340405.7	8504947	10/27/1980	7/9/1996	MERIDIAN EXPLORATION CORP.	AC	AMOS, FRANKIE LEE

1763	507134.8	4359109.3	8501422	8/20/1952 NA	OPERATOR UNKNOWN	PL	MARSH, J. R.
1764	508135.6	4351494	8506941	6/13/1984 NA	ENERGY CORPORATION OF AMERICA	AC	JEWELL, MAX & LINDA

HPU

OBJECTID	x	y	office	PERMIT	RESP_PARTY
1	501380.9443	4343665.816	HPU	WVG021510	RITCHIE STONE INC

OFFICE OF WATER RESOURCES NPDES

x	y	permit_id	fac_name	issuedate	expiredate	sub_desc
496190.9023	4344387.424	0814-04-085	WV Div. of Highways (Highway Construction/Maintenance Bldg.	1/10/2006	5/2/2016	SW32 - Septic Systems(Drain Field Disposal Mthd)
503203.9102	4349799.209	WVR310119	Charlene Pipeline	12/6/2013	5/13/2018	Storm Water Construction (OOG)
503145.2404	4351729.598	WVR310396	Walnut West Pipeline	10/22/2014	5/13/2018	Storm Water Construction (OOG)
503422.532	4343317.228	WVR107166	Taylor Farm - Ft. 10	9/29/2014	1/3/2018	Storm Water Construction (NOI)
507932.8243	4357504.081	WVR310211	LETTIE PAD TO ANNIE PAD	6/5/2014	5/13/2018	Storm Water Construction (OOG)
510592.7539	4346277	WVG415220	Michael Goldsmith	6/17/2014	12/31/2014	Home Aeration Unit General
510322.6876	4347434.875	WVG413337	Gary L Jones	5/3/2006	5/31/2014	Home Aeration Unit General
511013.8644	4346365.646	WVG414934	Todd, Richard & Roberta	1/29/2013	5/31/2014	Home Aeration Unit General
506953.6671	4341125.125	WVR310224	Langford West to Glass Waterline	4/22/2014	5/13/2018	Storm Water Construction (OOG)
497354.0325	4342009.551	WVG611341	Simonton Windows- Harrisville	12/6/2007	3/31/2014	Storm Water Industrial (GP)
500188.2386	4347339.749	WVG611342	Simonton Windows- Pennsboro	12/6/2007	3/31/2014	Storm Water Industrial (GP)
508379.8923	4342657.314	WVR310280	Edwin Pipeline	5/9/2014	5/13/2018	Storm Water Construction (NOI OOG)
505002.301	4344029.312	WVG410039	Steve Stanley	5/17/1999	5/31/2014	Home Aeration Unit General
500498.8623	4347244.943	WVG611343	Simonton Windows PDC Facility	12/6/2007	3/31/2014	Storm Water Industrial (GP)
502624.6543	4350754.024	WVG610653	NORMAN JACKSON TRUCKING INC	5/31/1996	3/31/2014	Storm Water Industrial (GP)
513773.2481	4343200.177	WVR310105	Oxford 1 M&R Pad and Access Road	11/19/2013	5/13/2018	Storm Water Construction (NOI OOG)
503422.2871	4343872.636	WVR107080	Taylor Farm	6/17/2014	1/3/2018	Storm Water Construction (NOI)
502419.3577	4350957.154	WVR310388	SR 74 to CR 50/22 Road	11/19/2014	5/13/2018	Storm Water Construction (OOG)
503922.2636	4344651.81	WVR310040	EQT - Pen 13 Well Line	8/21/2013	5/13/2018	Storm Water Construction (OOG)
502337.2754	4343872.209	WVR106755	Taylor Farm	9/5/2013	1/3/2018	Storm Water Construction (NOI)
508624.8489	4345035.009	WVR310373	EQT MOSA-5012 Slip	10/7/2014	5/13/2018	Storm Water Construction (NOI OOG)
507030.195	4355593.078	WVR310190	Mountain CF Temporary Access Road	2/14/2014	5/13/2018	Storm Water Construction (NOI OOG)
505088.0396	4341787.421	WVR310183	EQT MOSA 13	3/7/2014	5/13/2018	Storm Water Construction (OOG)
510545.301	4346324.348	WVG414110	L.G. Goldsmith	4/21/2009	12/30/2009	Home Aeration Unit General
508712.1946	4351713.648	WVR310156	Mountain Gathering Pipeline	12/26/2013	5/13/2018	Storm Water Construction (OOG)
510994.0776	4341725.907	WVG414586	Richard B & Selina D Sanford	9/1/2011	5/31/2014	Home Aeration Unit General
508501.4571	4347121.06	WVR106727	Payne's Trucking Service, LLC new garage	8/28/2013	1/3/2018	Storm Water Construction (NOI)
501093.7506	4347468.539	WV0025739	PENNSBORO CITY OF	4/1/1977	6/29/2019	Ind POTW
502624.5726	4350997.866	WVG610649	RITCHIE CONCRETE INC	5/31/1996	3/31/2014	Storm Water Industrial (GP)
496201.4455	4344407.739	WVG980025	Ritchie County HQ	11/6/2008	10/10/2016	WV DOH+MUN
510165.7608	4346655.729	WVG410208	Michael & Joyce Marsh	11/2/1999	5/31/2014	Home Aeration Unit General
508869.7504	4342705.279	WVR310172	Primm West Pipeline	1/29/2014	5/13/2018	Storm Water Construction (OOG)
512991.8805	4344262.226	WVG411899	Elwin Leggett	11/1/2002	3/30/2009	Home Aeration Unit General
513331.0439	4343043.614	WVR310342	Fritz Pipeline	8/27/2014	5/13/2018	Storm Water Construction (OOG)
510151.9783	4345104.615	WVR310273	Dotson Pipeline	6/5/2014	5/13/2018	Storm Water Construction (OOG)
502705.0008	4346669.716	WVR310067	Frontier Staging Area	10/31/2013	5/13/2018	Storm Water Construction (OOG)
510633.7903	4347076.312	WVR310244	2014 M-1657 Pipeline Replacement Project	4/22/2014	5/13/2018	Storm Water Construction (NOI OOG)

497090.1573 4340770.136 WVR106687 Communication Line Installation AT&T Project No.
502204.2601 4348627.045 WVG610747 CHAMPION AGATE/GLASS
497908.5342 4346980.996 WVG980179 Ellenboro APD Substation

7/26/2013 1/3/2013 Storm Water Construction (GP)
4/21/1999 3/31/2014 Storm Water Industrial (GP)
4/28/2010 10/10/2016 WV DOH+MUN

OFFICE OF WATER RESOURCES NPDES OUTLETS

OBJECTID	x	y	permit_id	fac_name	issuedate	expiredate	sub_desc
1	510322.6876	4347434.875	WVG413337	Gary L Jones	5/3/2006	5/31/2014	Home Aeration Unit General
2	501093.7506	4347468.539	WV0025739	PENNSBORO CITY OF	4/1/1977	6/29/2019	Ind POTW
3	502624.5726	4350997.866	WVG610649	RITCHIE CONCRETE INC	5/31/1996	3/31/2014	Storm Water Industrial (GP)
4	497354.0325	4342009.551	WVG611341	Simonton Windows- Harrisville	12/6/2007	3/31/2014	Storm Water Industrial (GP)
5	510545.301	4346324.348	WVG414110	L.G. Goldsmith	4/21/2009	12/30/2009	Home Aeration Unit General
6	510165.7608	4346655.729	WVG410208	Michael & Joyce Marsh	11/2/1999	5/31/2014	Home Aeration Unit General
7	497934.8589	4346980.989	WVG980179	Ellenboro APD Substation	4/28/2010	10/10/2016	WV DOH+MUN
8	496132.8917	4344231.666	WVG980025	Ritchie County HQ	11/6/2008	10/10/2016	WV DOH+MUN
9	511013.8644	4346365.646	WVG414934	Todd, Richard & Roberta	1/29/2013	5/31/2014	Home Aeration Unit General
10	496201.4455	4344407.739	WVG980025	Ritchie County HQ	11/6/2008	10/10/2016	WV DOH+MUN
11	501093.7506	4347468.539	WV0025739	PENNSBORO CITY OF	4/1/1977	6/29/2019	Ind POTW
12	505002.301	4344029.312	WVG410039	Steve Stanley	5/17/1999	5/31/2014	Home Aeration Unit General
13	502204.2601	4348627.045	WVG610747	CHAMPION AGATE/GLASS	4/21/1999	3/31/2014	Storm Water Industrial (GP)
14	496159.259	4344299.386	WVG980025	Ritchie County HQ	11/6/2008	10/10/2016	WV DOH+MUN
15	500188.2386	4347339.749	WVG611342	Simonton Windows- Pennsboro	12/6/2007	3/31/2014	Storm Water Industrial (GP)
16	496254.0049	4344184.196	WVG980025	Ritchie County HQ	11/6/2008	10/10/2016	WV DOH+MUN
17	500498.8623	4347244.943	WVG611343	Simonton Windows PDC Facility	12/6/2007	3/31/2014	Storm Water Industrial (GP)
18	501093.7506	4347468.539	WV0025739	PENNSBORO CITY OF	4/1/1977	6/29/2019	Ind POTW
19	496190.9023	4344387.424	0814-04-085	WV Div. of Highways (Highway Construction/Maintenance Bldg.	1/10/2006	5/2/2016	5W32 - Septic Systems(Drain Field Disposal Mthd)
20	497908.5579	4347069.049	WVG980179	Ellenboro APD Substation	4/28/2010	10/10/2016	WV DOH+MUN
21	500567.2995	4347312.683	WVG611343	Simonton Windows PDC Facility	12/6/2007	3/31/2014	Storm Water Industrial (GP)
22	510592.7539	4346277	WVG415220	Michael Goldsmith	6/17/2014	12/31/2014	Home Aeration Unit General
23	512991.8805	4344262.226	WVG411899	Elwin Leggett	11/1/2002	3/30/2009	Home Aeration Unit General
24	510994.0776	4341725.907	WVG414586	Richard B & Selina D Sanford	9/1/2011	5/31/2014	Home Aeration Unit General
25	501093.7506	4347468.539	WV0025739	PENNSBORO CITY OF	4/1/1977	6/29/2019	Ind POTW
26	502624.6543	4350754.024	WVG610653	NORMAN JACKSON TRUCKING INC	5/31/1996	3/31/2014	Storm Water Industrial (GP)
27	500161.9155	4347312.654	WVG611342	Simonton Windows- Pennsboro	12/6/2007	3/31/2014	Storm Water Industrial (GP)
28	496132.7709	4343987.828	WVG980025	Ritchie County HQ	11/6/2008	10/10/2016	WV DOH+MUN

SPECIAL RECLAMATIONS

OBJECTID	x	y	COMPANY
1	501561.9889	4343476.932	RITCHIE STONE, INC.

SUPERFUND RESOURCE CONSERVATION & RECOVERY ACT FACILITIES

OBJECTID_1	PRIMARY_NA	LOCATION_A	SUPPLEMENT	CITY_NAME	COUNTY_NAM
1	DAVES PENNSBORO 76	201 W MYLES AVE		PENNSBORO	RITCHIE
2	QUALITY CONCRETE & PRECAST INC	RT 2 BOX 24 AD		PENNSBORO	RITCHIE
3	GOFF BROS INC	216 MASONIC ST	US RT50 S ON BUNNEL RUN RD	PENNSBORO	RITCHIE
4	PENNSBORO MIDDLE SCHOOL	104 SCHOOL LANE		PENNSBORO	RITCHIE
5	NORMAN JACKSON TRUCKING INC	RT 2 BOX 229		PENNSBORO	RITCHIE
6	PENNSBORO GLASS PLANT	107 INDUSTRIAL DR		PENNSBORO	RITCHIE
7	[R3FY2012] ROCK WILSON	112 COLLINS AVE		PENNSBORO	RITCHIE
8	PENNSBORO ASHLAND	302 W MYLES AVE		PENNSBORO	RITCHIE
9	ELLENBORO APD FACILITY	UNKNOWN		ELLENBORO	RITCHIE
10	CHAMPION AGATE/GLASS	107 INDUSTRIAL DR		PENNSBORO	RITCHIE
11	NORTH FORK HUGHES RIVER (BUNNE	UNKNOWN		HARRISVILLE	RITCHIE
12	ALLEN'S PRE-OWNED AUTOS	104 E MYLES AVE		PENNSBORO	RITCHIE
13	GREENWOOD SUBSTATION	RTE 1 BOX 840		GREENWOOD	DODDRIDGE
14	WV DIVISION OF HIGHWAYS	RITCHIE COUNTY GARAGE		ELLENBORO	RITCHIE
15	CREED COLLINS ELEMENTARY SCHOOL	512 COLLINS AVE		PENNSBORO	RITCHIE
16	CITY OF PENNSBORO	418 MAIN ST.		ELLENBORO	RITCHIE
17	RITCHIE CONCRETE INC	RT 2 BOX 228A		PENNSBORO	RITCHIE
18	BRIDGEPORT EQUIPMENT & TOOL	435 WEST MYLES AVE		PENNSBORO	RITCHIE
19	KEN MAC INC	319 W MYLES AVE		PENNSBORO	RITCHIE
20	LITTLE GENERAL STORE (MARATHON) #4225	415 MYLES AVENUE		PENNSBORO	RITCHIE
21	KEN MAC INC	109 W MYLES AVE		PENNSBORO	RITCHIE
22	SIMONTON WINDOWS	506 EAST MYLES AVE		PENNSBORO	RITCHIE
23	NORTH FORK HUGHES RIVER WATERS	CRS 16 & 5		HARRISVILLE	RITCHIE
24	FIKES WALTER	310 PARK DR		PENNSBORO	RITCHIE
25	HARRISVILLE WTP	PO BOX 243		HARRISVILLE	RITCHIE
26	CREATIVE GLASSWARE CONCEPT	107 MAIN ST.		ELLENBORO	RITCHIE
27	PENNSBORO WWTP	SOUTH PLANT ROAD		PENNSBORO	RITCHIE
28	CITY OF PENNSBORO, WV, WWT PLA	US 50, CR 50/21, CR 50/39		PENNSBORO	RITCHIE
29	SIMONTON WINDOWS- HARRISVILLE	RT 16 BOX 61-C		HARRISVILLE	RITCHIE
30	WATERLINE EXT. PROJ. DUCKWORTH	DODDRIDGE CO RT 36		WEST UNION	DODDRIDGE
31	CONSUMER GAS & UTILITY	101 W MYLES AVE		PENNSBORO	RITCHIE
32	PENNSBORO CITY OF	SOUTH PLANT ROAD		PENNSBORO	RITCHIE

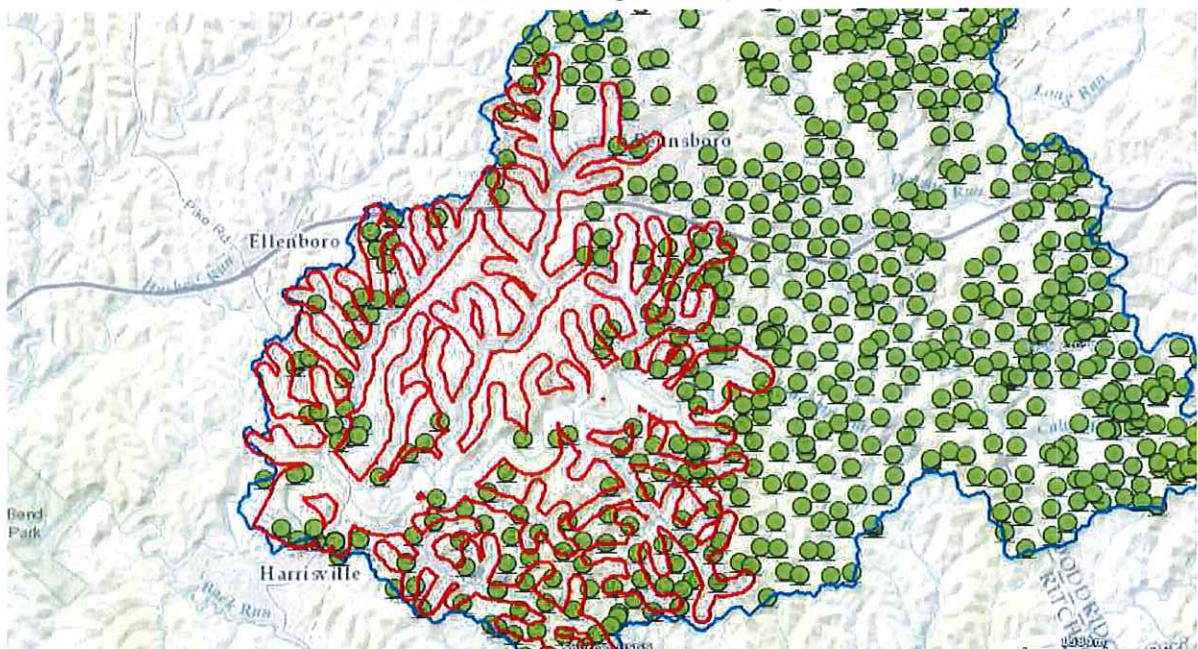
33 SIMONTON WINDOWS PDC FACILITY
34 PENNSBORO GLASS
35 PENNSBORO, CITY OF

ONE COCHRANE AVE
114 INDUSTRY DRIVE
COLLINS AVE & INDUSTRIAL DRIVE

PENNSBORO RITCHIE
PENNSBORO RITCHIE
PENNSBORO RITCHIE

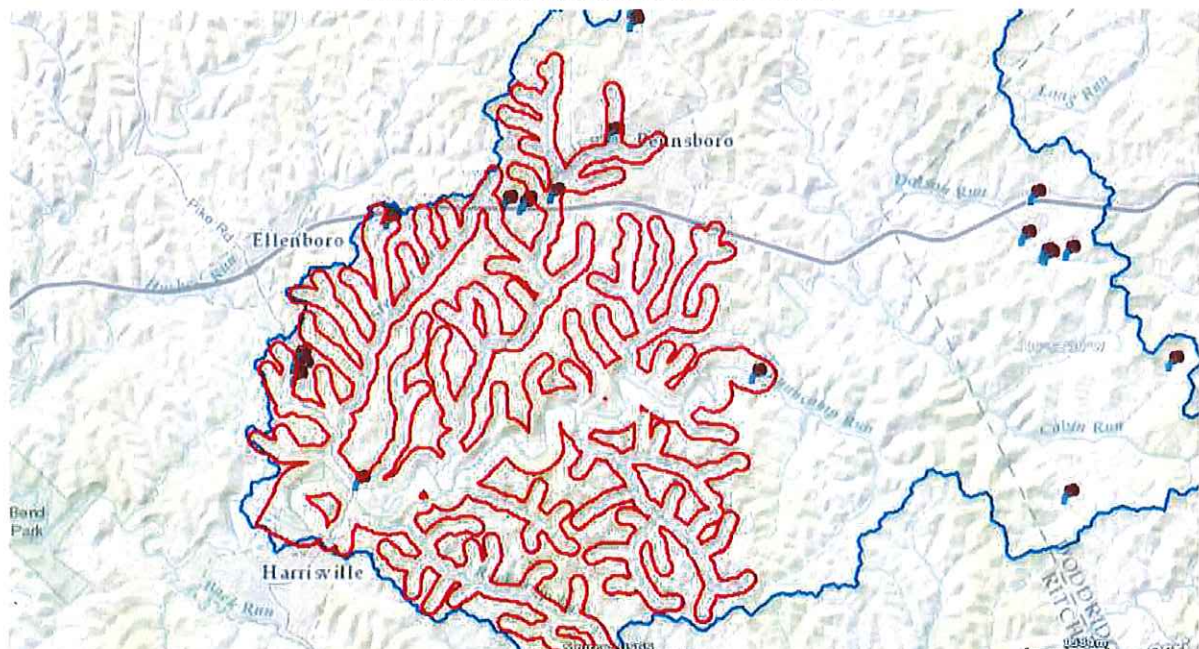
Map of Regulated PSSCs

Above Ground Storage Tanks (Unique)



Source: GIS
Scale: 1:25,000
Map Date: 08/11/2011
Map Author: [illegible]
Map Title: Above Ground Storage Tanks (Unique)
Map Project: [illegible]
Map Date: 08/11/2011
Map Author: [illegible]
Map Title: Above Ground Storage Tanks (Unique)
Map Project: [illegible]

Office of Water Resources NPDES Outlets



Shenandoah River
Source: USGS
Baltimore, Incumbent P.C. Corp., USGS, USGS, FWS, NPS, MRCAM, Geobase, IRI, National Geographic, East Mapco, METI, East China (Hong Kong), exoatop, MapmyIndia

Appendix B. Early Warning Monitoring System Forms

Proposed Early Warning Monitoring System Worksheet- Surface

Describe the type of early warning detection equipment that could be installed, including the design.
Multi-parameter Universal Controller with the capability of monitoring several different parameters. The controller is mounted on a panel that also serves as a trough. A separate pump is necessary to pump the raw water to and through the trough. The trough is capable of receiving up to 6 different probe sensors that can monitor parameters such as: Oil and gas, pH, temperature, conductivity, DO, turbidity, nitrates, ammonium, or organics. The controller would be programmed to alarm the operators through the existing telemetry when any of the monitored parameters got above a certain point.
Where would the equipment be located?
The equipment would be mounted, out of the weather, at the control panel for the Raw Water Intake near the river.
What would the maintenance plan for the monitoring equipment entail?
Daily checkup of the monitoring equipment. The probe/sensors can be unscrewed from the trough and wiped down as needed. The trough can also be wiped out or flushed as needed.
Describe the proposed sampling plan at the monitoring site.
Water would be draws directly from the river to the panel/trough with a single tap for a drain line. Either way, the controller would be continuously monitoring the water through the trough based on the probes mentioned above. If a parameter would go beyond the acceptable limits, the telemetry would alarm the Operators who in turn could shut down the intake before any contaminated water could reach the plant.
Describe the proposed procedures for data management and analysis.
The data gathered during the continuous monitoring would be added to the existing telemetry (SCADA) system that is in place at the District office. The telemetry would time stamp the information received and create a trending line graph for each parameter. The graph would be based on the time of sample and level. This would allow the District to see a base line and any changes that occur on a daily basis.

Provide or estimate the capitol and O&M costs for your current or proposed early monitoring system or upgraded system.

a. Capital Cost

Source Water Monitoring Panel includes controller, display module, back panel, level, and trough.		\$9,343.00
Conductivity Sensor		\$854.00
FP360 sc Sensor (Oil and Gas)		\$17,481.00
pH Sensor		\$813.00
Ammonium Sensor		\$6,955.00
LDO Sensor (Luminescent/Dissolved Oxygen)		\$1,746.00
Nitrate Sensor		\$16,032.00
SolitaX Sensor (Turbidity, High Range)		\$3,363.00
UVAS sc Sensor (Organics)		\$19,305.00
6 Sensors Max	Subtotal	\$19,491.00
Installation, Tap, and Pump for monitoring		\$12,000.00
Telemetry Modifications (alarm)		<u>\$5,000.00</u>
	Subtotal	\$17,000.00
	Total Capital Cost	\$36,491.00

b. O&M Cost

Yearly Operation and Maintenance (52 hours @ \$20/hr)		\$1,300.00
Renewal and Replacement (5 yr life expectancy)		<u>\$3,898.20</u>
	Total O & M Cost	\$5,198.20

Appendix C. Communication Plan

Communication Plan Template

For Hughes River Water Board

PWSID: 3304307 District: Wheeling

Certified Operator: Jim Probst

Contact Phone Number: 304-643-5523

Contact Email Address: _____

Plan Developed On: 2016 Plan Update Due On: 2019

ACKNOWLEDGMENTS:

*This plan was developed by **Hughes River Water Board** to meet certain requirements of the Source Water and Assessment Protection Program (SWAPP) and the Wellhead Protection Program (WHPP) for the State of West Virginia, as directed by the federal Safe Drinking Water Act (SDWA) and state laws and regulations.*

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Introduction

Legislative Rule 64CSR3 requires public water systems to develop a Communication Plan that documents how public water suppliers, working in concert with state and local emergency response agencies, shall notify state and local health agencies and the public in the event of a spill or contamination event that poses a potential threat to public health and safety. The plan must indicate how the public water supplier will provide updated information, with an initial notification to the public to occur no later than thirty minutes after the supplier becomes aware that the spill, release or potential contamination of the public water system poses a potential threat to public health and safety.

The public water system has responsibility to communicate to the public, as well as to state and local health agencies. This plan is intended to comply with the requirements of Legislative Rule 64CSR3, and other state and federal regulations.

TIERS Reporting System

This water system has elected to use the *Tiered Incident / Event Reporting System* (TIERS) for communicating with the public, agencies, the media, and other entities in the event of a spill or other incident that may threaten water quality. TIERS provides a multi-level notification framework, which escalates the communicated threat level commensurate with the drinking water system risks associated with a particular contamination incident or event. TIERS also includes a procedural flow chart illustrating key incident response communication functions and how they interface with overall event response / incident management actions. Finally, TIERS identifies the roles and responsibilities for key people involved in risk response, public notification, news media and other communication.

TIERS provides an easy-to-remember five-tiered **A-B-C-D-E** risk-based incident response communication format, as described below. Table 1 provides also associated risk levels. Example press releases are provided as attachments to this plan.

A = Announcement. The water system is issuing an announcement to the public and public agencies about an incident or event that may pose a threat to water quality. Additional information will be provided as it becomes available. As always, if water system customers notice anything unusual about their water, they should contact the water system

B = Boil Water. A boil water advisory has been issued by the water system. Customers may use the water for showering, bathing, and other non-potable uses, but should boil water used for drinking or cooking.

C = Cannot Drink. The water system asks that users not drink or cook with the water at this time. Non-potable uses, such as showering, bathing, cleaning, and outdoor uses are not affected.

D = Do Not Use. An incident or event has occurred affecting nearly all uses of the water. Do not use the water for drinking, cooking, showering, bathing, cleaning, or other tasks where water can come in contact with your skin. Water can be used for flushing commodes and fire protection.

E=Emergency. Water cannot be used for any reason.

Tier	Tier Category	Risk Level	Tier Summary
A	A nnouncement	Low	The water system is issuing an announcement to the public and public agencies about an incident or event that could pose a threat to public health and safety. Additional information will be provided as it becomes available.
B	B oil Water Advisory	Moderate	Water system users are advised to boil any water to be used for drinking or cooking, due to possible microbial contamination. The system operator will notify users when the boil water advisory is lifted.
C	C annot Drink	High	System users should not drink or cook with the water until further notice. The water can still be used for showering, bathing, cleaning, and other tasks.
D	D o Not Use	Very High	The water should only be used for flushing commodes and fire protection until further notice. More information on this notice will be provided as soon as it is available.
E	E mergency	Extremely High	The water should not be used for any purpose until further notice. More information on this notice will be provided as soon as it is available.

Communication Team

The Communication Team for the water system is listed in the table below, along with key roles. In the event of a spill or other incident that may affect water quality, the water system spokesperson will provide initial information, until the team assembles (if necessary) to provide follow-up communication.

Water system communication team members, organizations, and roles.

Team Member Name	Organization	Phone	Email	Role
Alan Haught	Town of Harrisville	304-643-2719	hmayor26362@yahoo.com	Primary Spokesperson
Eric Shoemaker	Hughes River Water Plant	304-643-5523		Secondary Spokesperson
James White	OES	304-481-0748	jimwhite801@yahoo.com	Member
Fire Department	VFD	911		Member
Lisa Freeland	Health Department	304-643-2917		Member
[INSERT NAME]	[INSERT ORGANIZATION]			Member

In the event of a spill, release, or other incident that may threaten water quality, members of the team who are available will coordinate with the management staff of the local water supplier to:

- Collect information needed to investigate, analyze, and characterize the incident/event
- Provide information to the management staff, so they can decide how to respond
- Assist the management staff in handling event response and communication duties
- Coordinate fully and seamlessly with the management staff to ensure response effectiveness

Communication Team Duties

The communication team will be responsible for working cooperatively with the management staff and state and local emergency response agencies to notify local health agencies and the public of the initial spill or contamination event. The team will also provide updated information related to any contamination or impairment of the source water supply or the system's drinking water supply.

According to Legislative Rule 64CSR3, the initial notification to the public will occur no later than thirty minutes after the public water system becomes aware that the spill, release or potential contamination of the public water system poses a potential threat to public health and safety.

As part of the group implementing the Source Water Protection Plan, team members are expected to be familiar with the plan, including incident/event response and communication tasks. Specifically, team members should:

- Be knowledgeable on elements of the Source Water Protection Plan and Communication Plan
- Attend team meetings to ensure up-to-date knowledge of the system and its functions
- Participate in periodic exercises that practice incident response and communication tasks
- Help to educate local officials, the media, and others on source water protection
- Cooperate with water supplier efforts to coordinate incident response communication
- Be prepared to respond to requests for field investigations of reported incidents
- Agree not to speak on behalf of the water supplier unless designated as the system's spokesperson

The primary spokesperson will be responsible for speaking on behalf of the water system to local agencies, the public, and the news media. The spokesperson should work with the management staff and the team to ensure that all communication is clear, accurate, timely, and consistent. The spokesperson may authorize and/or direct others to issue news releases or other information that has been approved by the system's management staff. The spokesperson is expected to be on call immediately when an incident or event which may threaten water quality occurs. The spokesperson will perform the following tasks in the event of a spill, release, or other event that threatens water quality:

- Announce which risk level (A, B, C, D, or E) will apply to the public notifications that are issued (see example press releases attached)
- Issue news releases, updates, and other information regarding the incident/event
- Use the news media, email, social media, and other appropriate information venues
- Ensure that news releases are sent to local health agencies and the public
- Respond to questions from the news media and others regarding the incident/event
- Appear at news conferences and interviews to explain incident response, etc.

Incident / Event Communication Procedure

The flow chart in this section illustrates how the water system will respond when it receives a report that a spill, release, or other contamination event may have occurred. Key elements of the flow chart are described below.

Communication with agencies, the public, and the media during threat incidents

Upon initial notification of the incident/event, system managers and staff will collect information and verify the need for further investigation. Only properly trained personnel will perform onsite investigations if permitted by emergency responders. If further investigation is warranted, and the initial facts support it, the water system spokesperson will issue a public communication statement consistent with the threat level. In addition, water system personnel and partners will be dispatched to conduct reconnaissance, a threat assessment, and a threat characterization, if present. This work may include:

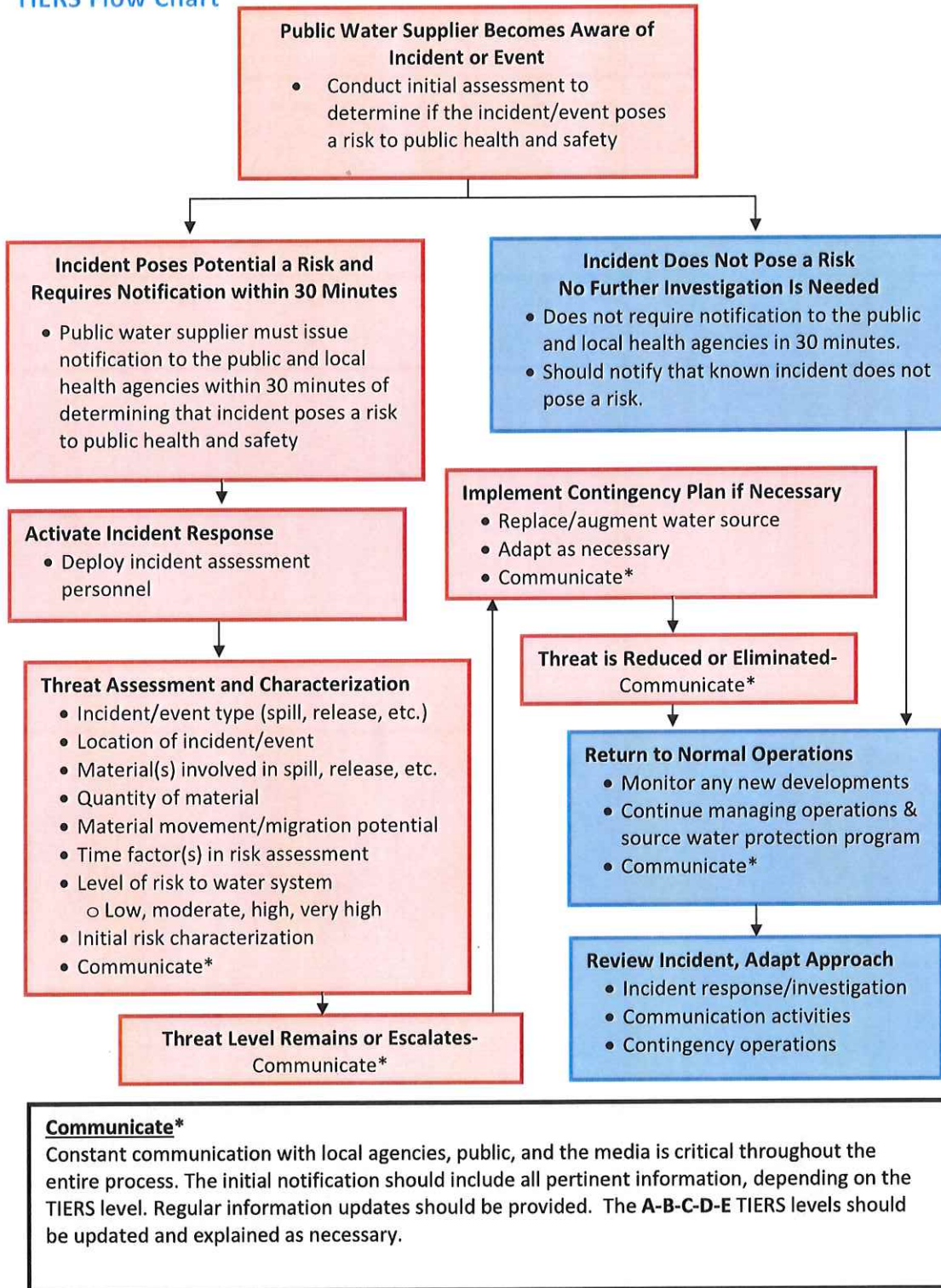
- Verification of the incident/event type (spill, release, etc.)
- Location of incident/event
- Type of material(s) involved in spill, release, etc.
- Quantity of material involved
- Potential of the material to move, migrate, or be transported
- Relevant time factor(s) in the risk assessment (e.g., downstream movement rate)
- Overall level of risk to water system, whether low, moderate, high, or very high
- Development of the initial risk characterization

As the flow chart indicates, several iterative cycles will occur after the initial threat assessment, including communication with local agencies and the public, further investigation of the incident, possible implementation of the water system's contingency plan, and eventual elimination of the threat and a return to normal operations. Communication activities during this period will include:

- The initial release (i.e., **Announcement, Boil Water, Cannot Drink, Do Not Use, or Emergency** attached)
 - Sent to local health agencies, the public, and the news media within 30 minutes
- Notification of the local water system's source water protection and communication teams
 - If warranted by initial findings regarding the spill, release, or incident
- Notification of the WV Bureau of Public Health
 - As required
- Periodic information updates, as incident response information is received
- Updates to the applicable A-B-C-D-E advisory tier, as necessary

If time permits and the need arises, after the threat level is reduced, and operations return to normal, the water system staff, the communication and source water protection teams, and their partners may conduct a post-event review and assessment. The purpose of the review is to examine the response to the incident, relevant communication activities, and overall outcomes. Plans and procedures may be updated, altered, or adapted based on lessons learned through this process.

TIERS Flow Chart



Press Release Attachments

TIERS Levels A, B, C, D, and E

UTILITY ISSUED NOTICE – LEVEL A
PUBLIC WATER SYSTEM ANNOUNCEMENT
A WATER SYSTEM INVESTIGATION IS UNDERWAY

On _____ at ____:____ AM/PM, the _____ Water System began investigating an incident that may affect local water quality.

The incident involves the following situation at this location:

There are no restrictions on water use at this time. As always, if water system customers notice anything unusual about their water – such as abnormal odors, colors, sheen, etc. – they should contact the water system at _____.

At this time there is no need for concern if you have consumed or used the water.

Regular updates will be provided about this Announcement as water system staff continue their investigation. Again, there are no restrictions on water use at this time.

State Water System ID# _____ Date Distributed: _____

UTILITY ISSUED NOTICE – LEVEL B
BOIL WATER ADVISORY
A BOIL WATER ADVISORY IS IN EFFECT

On _____ at ____:____ am/pm, a water problem occurred causing contamination of your water. The areas that are affected are as follows:

Entire Water System or Other: _____

CONDITIONS INDICATE THERE IS A HIGH PROBABILITY THAT YOUR WATER IS CONTAMINATED. TESTING HAS NOT OCCURRED TO CONFIRM OR DENY THE PRESENCE OF CONTAMINATION IN YOUR WATER.

What should I do?

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring all water to a boil, let it boil for one minute, and let it cool before using, or use bottled water. Boiled or bottled water should be used for drinking, making ice, brushing teeth, washing dishes, bathing, and food preparation **until further notice**. Boiling kills bacteria and other organisms in the water.

What happened?

- The problem is related to _____

What is being done?

- The water system is taking the following action: _____

What should a customer do if they have consumed or used the water?

- _____

We will inform you when you no longer need to boil your water. We anticipate resolving the problem within _____ hours/days. For more information, please contact _____ at _____ or _____ at _____.

General guidelines on ways to lessen the health risk are available from the EPA Safe Drinking Water Hotline at 1 (800) 426-4791.

Please share this information others who use this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice was distributed by _____

State Water System ID# _____ Date Distributed: _____

UTILITY ISSUED NOTICE – LEVEL C
“CANNOT DRINK” WATER NOTIFICATION
A LEVEL C WATER ADVISORY IS IN EFFECT

On _____ at _____:_____ am/pm, a water problem occurred causing contamination of your water. The areas that are affected are as follows:

Entire Water System or Other: _____

CONDITIONS INDICATE THERE IS A HIGH PROBABILITY THAT YOUR WATER IS CONTAMINATED. TESTING HAS NOT OCCURRED TO CONFIRM OR DENY THE PRESENCE OF CONTAMINATION IN YOUR WATER.

What should I do?

- **DO NOT DRINK THE WATER.** You can't drink the water, but you can use it for showering, bathing, toilet-flushing, and other non-potable purposes.
- **BOILING WILL NOT PURIFY THE WATER.** Do not drink the water, even if it is boiled. The type of contamination suspected is not removed by boiling.

What happened?

- The problem is related to _____

What is being done?

- The water system is taking the following action: _____

What should a customer do if they have consumed or used the water?

- _____

We will inform you when the water is safe to drink. We anticipate resolving the problem within _____ hours/days. For more information – or to report unusual water conditions such as abnormal odors, colors, sheen, etc. – please contact _____ at _____ or _____ at _____.

Please share this information others who use this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice was distributed by _____

State Water System ID# _____ Date Distributed: _____

UTILITY ISSUED NOTICE – LEVEL D
“DO NOT USE” WATER NOTIFICATION
A LEVEL D WATER ADVISORY IS IN EFFECT

On _____ at ____:____ am/pm, a water problem occurred causing contamination of your water. The areas that are affected are as follows:

Entire Water System or Other: _____

CONDITIONS INDICATE THERE IS A HIGH PROBABILITY THAT YOUR WATER IS CONTAMINATED. TESTING HAS NOT OCCURRED TO CONFIRM OR DENY THE PRESENCE OF CONTAMINATION IN YOUR WATER.

What should I do?

- **DO NOT DRINK THE WATER.** The water is contaminated.
- **DO NOT SHOWER OR BATHE IN THE WATER.** You can't use the water for drinking, showering, or bathing. It can be used for toilet flushing and firefighting.
- **BOILING WILL NOT PURIFY THE WATER.** Do not use the water, even if it is boiled. The type of contamination suspected is not removed by boiling.

What happened?

- The problem is related to _____

What is being done?

- The water system is taking the following action: _____

What should a customer do if they have consumed or used the water?

- _____

We will inform you when the water is safe to drink. We anticipate resolving the problem within _____ hours/days. For more information – or to report unusual water conditions such as abnormal odors, colors, sheen, etc. – please contact _____ at _____ or _____ at _____.

Please share this information others who use this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice was distributed by _____

State Water System ID# _____ Date Distributed: _____

**UTILITY ISSUED NOTICE – LEVEL E
EMERGENCY WATER NOTIFICATION
A LEVEL E WATER ADVISORY IS IN EFFECT**

On _____ at _____:_____ am/pm, a water problem occurred causing contamination of your water. The areas that are affected are as follows:

Entire Water System or Other: _____

CONDITIONS INDICATE THERE IS A HIGH PROBABILITY THAT YOUR WATER IS CONTAMINATED. TESTING HAS NOT OCCURRED TO CONFIRM OR DENY THE PRESENCE OF CONTAMINATION IN YOUR WATER.

What should I do?

- **DO NOT DRINK THE WATER.** The water is contaminated.
- **DO NOT USE THE WATER FOR ANY PURPOSE!** You can't use the water for drinking, showering, or bathing, or any other use – not even for toilet flushing.
- **BOILING WILL NOT PURIFY THE WATER.** Do not use the water, even if it is boiled. The type of contamination suspected is not removed by boiling.

What happened?

- The problem is related to _____

What is being done?

- The water system is taking the following action: _____

What should a customer do if they have consumed or used the water?

- _____

We will inform you when the water is safe to drink. We anticipate resolving the problem within _____ hours/days. For more information – or to report unusual water conditions such as abnormal odors, colors, sheen, etc. – please contact _____ at _____ or _____ at _____.

Please share this information others who use this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice was distributed by _____

State Water System ID# _____ Date Distributed: _____

Emergency Short Forms

Emergency Communication Information

	Name	Phone Number	Email	
Designated spokesperson:	Alan Haught	304-643-2719	hmayor26362@yahoo.com	
Alternate spokesperson:	Eric Shoemaker	304-643-5523		
Designated location to disseminate information to media:	Town Hall			
Methods of contacting affected residents:	911, radio station, tv, newspaper, door to door, direct phone call, social media			
Media contacts:	Name	Title	Phone Number	Email
	See Appedix F			
	WCHM – Froggy 99	Radio	304-485-6158	

Emergency Services Contacts

	Name	Emergency Phone	Alternate Phone	Email
Local Police	Mark Harris – Town of Harrisville Police	911	304-643-2669	
Local Fire Department	Harrisville VFD – Dana Nutt	911		
Local Ambulance Service	Ritchie County Emergency	911		

Hazardous Material Response Service	Harrisville VFD – Dana Nutt	911		
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Key Personnel

	Name	Title	Phone	Email
Key staff responsible for coordinating emergency response procedures?	Alan Haught	Mayor	304-643-2719	hmayor26362@yahoo.com
	Eric Shoemaker	Operator	304-643-5523	
Staff responsible for keeping confidential PSSC information and releasing to emergency responders:	Alan Haught	Mayor	304-643-2719	hmayor26362@yahoo.com
	Eric Shoemaker	Operator	304-643-5523	

Sensitive Populations

Other communities that are served by the utility:	<p align="center">Harrisville Pennsboro Elenboro Cairo</p>		
Major user/sensitive population notification:	Name	Emergency Phone	Alternate Phone
	Harrisville – Alan Haught	304-643-2719	
	Pennsboro – Robert Riggs	304-643-2325	
	Elenboro – Steve Lewis	304-869-3242	
	Cairo – Gary Haugh	304-628-3843	
EED District Office	Name	Phone	Email

Contact:		Jim White	304-481-0748	
OEHS Readiness Coordinator		Warren Von Dollen	304-356-4290 (main) 304-550-5607 (cell)	warren.r.vondollen@wv.gov
Downstream Water Contacts:	Water System Name	Contact Name	Emergency Phone	Alternate Phone
	Claywood Park PSD	Todd Grinstead	304-422-6042	
Are you planning on implementing the TIER system?		Yes		

Emergency Response Information

Has the utility developed a detailed Emergency Response Plan in accordance with the Public Health Security Bioterrorism Preparedness and Response Pan Act of 2002?	Homeland Security ERP
When was the Emergency Response Plan developed or last updated?	Ongoing

Emergency Contact Information

State Emergency Spill Notification

1-800-642-3074

Office of Emergency Services

<http://www.wvdhsem.gov/>
Charleston, WV- (304) 558-5380

WV Bureau for Public Health Office of Environmental Health Services (OEHS)

www.wvdhhr.org/oehs

Bob Smith

Phone; 304-238-1145

e-mail; bob.a.smith@wv.gov

Environmental Engineering Division Staff

Charleston, Central Office (304) 558-2981

Beckley, District 1 (304) 256-6666

St. Albans, District 2 (304) 722-0611

Kearneysville, District 4 (304) 725-9453

Wheeling, District 5 (304) 238-1145

Fairmont, District 6 (304) [368-2530](tel:368-2530)

National Response Center - Chemical, Oil, & Chemical/Biological Terrorism

1-800-424-8802

WV State Fire Marshal's Office

1-800-233-3473

West Virginia State Police

1-304-746-2100

WV Watch – Report Suspicious Activity

1-866-989-2824

DEP Distance Calculator

<http://tagis.dep.wv.gov/pswcheck/>

Appendix D. Single Source Feasibility Study

Feasibility Matrix		Hughes River Water Board		PWSID: WV 3304307		5/15/2015		Matrix Completed By:		Cerrone Associates, Inc	
Criteria	Question	Backup Intake	Feasibility	Interconnect	Feasibility	Treated Water Storage	Feasibility	Raw Water Storage	Feasibility	Other (Name of Alternative)	Feasibility
Economic Criteria											
What is the total current budget year cost to operate and maintain the PWSU (current budget year)?		\$303,526.00		\$303,526.00		\$303,526.00		\$303,526.00		\$303,526.00	
O and M Costs	Describe the major O&M cost requirements for the alternative?	N/A	0	Additional line, booster station, PRV, and appurtenances.	1	R&A for next tank repair in roughly 20 years	3	Raw Water Storage tank installed at the WTP to provide storage	3	(Describe)	0
	What is the incremental cost (\$/yr) to operate and maintain the alternative?	\$0.00	0	\$19,000.00	1	\$32,400.00	1	\$82,100.00	1	\$0.00	0
	Cost comparison of the incremental O&M cost to the current budgeted costs (%)	0.00%	0	6.26%	1	7.38%	1	9.92%	1	0.00%	0
O and M-Feasibility Score			0.0		1.0		1.7		1.7		0.0
Describe the capital improvements required to implement the alternative.		N/A		Connector line along with appurtenances such as valve, flushouts, backflow preventer, booster station, etc.		Repair existing welded storage tank		Piping, controls and storage tank at the WTP Site		(Describe)	
Capital Costs	What is the total capital cost for the alternative?	\$0.00	0	\$4,045,300.00	1	\$448,000.00	2	\$2,000,000.00	1	\$0.00	0
	What is the annualized capital cost to implement the alternative, including land and easement costs, convenience tap fees, etc (\$/yr)?	\$0.00	0	\$191,062.00	1	\$21,159.00	2	\$94,461.00	1	\$0.00	0
	Cost comparison of the alternatives annualized capital cost to the current budgeted costs (%)	0.00%	0	62.95%	1	6.97%	2	31.12%	1	0.00%	0
Capital Cost-Feasibility Score			0.0		1.0		2.0		1.0		0.0
Technical Criteria											
Permitting	Provide a listing of the expected permits required and the permitting agencies involved in their approval.	N/A	0	Health Permit - BPH, Stream Activity Permit - Public Lands, Nationwide 32 permit - USACE, NPDES Stormwater Permit - DEP	3	Health Permit - Bureau of Public Health	3	Health Permit - Bureau of Public Health	3	(List and Describe)	0
	What is the timeframe for permit approval for each permit?	N/A	0	Health Permit - 30 days, Stream Activity Permit - 30 days, Nationwide 32 Permit - upto 6 months, NPDES - upto 3 months	3	Health Permit - 30 days	3	Health Permit - 30 days	3	(List the timeframe for approval for each permit listed above)	0
	Describe the major requirements in obtaining the permits (environmental impact studies, public hearings, etc.)	N/A	0	Construction Drawings, Engineering (design), Mapping layout.	2	Construction Drawings, Engineering (design)	2	Construction Drawings, Engineering (design)	2	(Describe all major requirements for approval for the listed permits)	0
	What is the likelihood of successfully obtaining the permits?	N/A	0	Very Good	3	Very Good	3	Very Good	3	(Describe)	0
Does the implementation of the alternative require regulatory exceptions or variances?		N/A	0	User Agreement with interconnected Utility	3	No. Regulatory Exceptions or Variances are not expected.	3	No. Regulatory Exceptions or Variances are not expected.	3	(Yes/No/Describe)	0
Permitting-Feasibility Score			0.0		2.8		2.8		2.8		0.0
Flexibility	Will the alternative be needed on a regular basis or only used intermittently?	N/A	0	Only used intermittently	3	Regular Basis	1	Regular Basis	2	(Describe)	0
	How will implementing the alternative affect the PWSU's current method of treating and delivering potable water including meeting Safe Drinking Water Act regulations? (ex. In the case of storage, will the alternative increase the likelihood of disinfection byproducts?)	N/A	0	No Change	3	The water plant currently has 3-6 days of storage capacity. Existing tank coating has run its useful	1	Water would be pumped to the Raw Water Tank then fed to the WTP versus pump the water directly to the WTP from the raw water intake.	2	(Describe)	0
Flexibility-Feasibility Score			0.0		3.0		1.0		2.0		0.0
Resilience	Will the alternative provide any advantages or disadvantages to meeting seasonal changes in demand?	N/A	0	No	3	No	2	No	3	(Yes/No)	0
	How resilient will the alternative be to extreme weather conditions such as drought and flooding?	N/A	0	No Change	3	No Change	2	No Change	3	(Yes/No)	0

Criteria	Question	Backup Intake	Feasibility	Interconnect	Feasibility	Treated Water Storage	Feasibility	Raw Water Storage	Feasibility	Other-(Name of Alternative)	Feasibility
	Will the alternative be expandable to meet the growing needs of the service area?	N/A	0	[Describe]	3	Current tanks provide 3-6 days of demand	1	There is not a current issue with the raw water capacity of the WTP	3	[Describe]	0
Resilience-Feasibility Score			0.0		3.0		1.7		3.0		0.0
Institutional Requirements	Identify any agreements or other legal instruments with governmental entities, private institutions or other PAWSU required to implement the alternative	N/A	0	User Agreement with Interconnected Utility	3	None expected	3	None expected	3	[Describe]	0
	Are any development/planning restrictions in place that can act as a barrier to the implementation of the alternative?	N/A	0	None expected	3	None expected	3	None expected	3	[Yes/No]	0
	Identify potential land acquisitions and easements requirements	N/A	0	like easements, property for backflow preventer, property for potential booster station.	1	None expected.	1	Possible land acquisition for a raw water tank	2	[Describe]	0
Institutional Requirements-Feasibility Score			0.0		2.3		2.3		2.7		0.0
Environmental Criteria											
Environmental Impacts	Identify any environmentally protected areas or habitats that might be impacted by the alternative.	N/A	0	River/Stream Crossings, Phase I Archeological Study	1	None expected	3	None expected	3	[Describe]	0
Environmental Impacts-Feasibility Score			0.0		1.0		3.0		3.0		0.0
Aesthetic Impacts	Identify any visual or noise issues caused by the alternative that may affect local land uses?	N/A	0	Booster Station operation.	2	None expected	3	Additional Tank at the WTP	2	[Describe]	0
	Identify any mitigation measures that will be required to address aesthetic impacts?	N/A	0	None expected	3	None expected	3	None expected	3	[Describe]	0
Aesthetic Impacts-Feasibility Score			0.0		2.5		2.5		2.5		0.0
Stakeholder Issues	Identify the potential stakeholders affected by the alternative.	[Describe]	0	[Describe]	0	[Describe]	0	[Describe]	0	[Describe]	0
	Identify the potential issues with stakeholders for and against the alternative.	[Describe]	0	[Describe]	0	[Describe]	0	[Describe]	0	[Describe]	0
	Will stakeholder concerns represent a significant barrier to implementation (or assistance) of the alternative?	[Yes/No]	0	[Yes/No]	0	[Yes/No]	0	[Yes/No]	0	[Yes/No]	0
Stakeholder Issues-Feasibility Score			0.0		0.0		0.0		0.0		0.0
Comments		Comments		Comments		Comments		Comments		Comments	

Instructions: Using the expanded instructions in the "FEASIBILITY STUDY GUIDANCE DOCUMENT", complete the white and gray input cells. Rank each criteria based on the evidence provided and best professional judgement. Rank the criteria 0-3, assuming 0=not feasible and 3=most feasible. The password to edit/ifiable cells is "swap".

- Scores:**
- 0 - Not Feasible. Criterion cannot be met by this alternative and removes the alternative from further consideration.
 - 1 - Feasible but difficult. Criterion represents a significant barrier to successful implementation but does not eliminate it from consideration.
 - 2 - Feasible. Criterion can be met by the alternative.
 - 3 - Very Feasible. Criterion can be easily met by the alternative.

Appendix E. Single Source Narrative

A secondary intake is not feasible for the Hughes River Water Board (HRWB) due to the location of the water plant and existing intake structure.

The two (2) storage tanks that the Hughes River Water Board currently has, a 1,000M and a 500M gallons, provide them with approximately 3.6 days of storage under normal operation. The original 500M gallon tank is coming to the end of its paint coatings useful life. This is something that the Board will need to address over the next few years. Opinion of Probable Costs for this is roughly \$448,000.00.

TANK PAINTING OPTION

Exterior Top Coat, Top Blast, Inside Blast	\$300,000
Construction Contingency	\$30,000
Engineering	\$60,000
Legal	\$3,000
Accounting	\$5,000
Bond Counsel	\$20,000
Interest	\$23,000
Permits	\$1,000
Project Contingency	\$6,000
Soft Costs	<u>\$118,000</u>
TOTAL PROJECT COST	\$448,000

An interconnection with another system is not a simple task. The only water provider with enough capacity to supply water to the Hughes River Water Board is the Claywood Park Public Service District. Following is a Construction Cost Estimate for the interconnection:

CLAYWOOD PARK PSD TO CAIRO TANK

10" SDR21 PVC	14,400 lf @ \$30/lf	\$432,000
10" DR18 PVC	16,700 lf @ \$35/lf	\$584,500
10" DR 14 PVC	33,400 lf @ \$40/lf	\$1,336,000
Hypochlorination Point	1 ea @ \$50,000/ea	\$50,000
PRV Vault	1 ea @ \$150,000/ea	\$150,000
Booster Station	1 ea @ \$275,000/ea	\$275,000
Flushout Assembly	14 ea @ \$2,500/ea	\$35,000
Air Release Assembly	4 ea @ \$3,000/ea	\$12,000
Creek Crossing	2 ea @ \$7,500/ea	\$15,000
Tie-in Connection	2 ea @ \$5,000/ea	<u>\$10,000</u>
		\$2,889,500
	Soft Costs .40	<u>\$1,155,800</u>
	Total Costs	\$4,045,300

RAW WATER STORAGE CAPACTIY

Additional storage at the Water Treatment Plant (WTP) would serve as a reserve capacity along with an additional presediment tank for the WTP. This would allow for some savings in normal operation of the plant when the raw water has high turbidity.

Hughes River Water Board
Raw Water Storage Tank
Preliminary Opinion of Project Costs
February 26, 2016

1.5 MG Glass Lined Bolted Tank, open top	\$	650,000
Fencing	\$	30,000
Raw Water Piping from Stage 2 to Tank (270 LF)	\$	50,000
Tie Ins	\$	15,000
Piping from Tank to WTP (270 LF)	\$	50,000
Access Drive and Site Prep (sub prep expected)	\$	500,000
Flow Control Install and Mods at Raw Water Infl Room	\$	60,000
Stage II Pump Fit Out (2 ea)	\$	75,000
Clean Out Facility	\$	<u>75,000</u>
SUBTOTAL CONSTRUCTION COST	\$	1,505,000
Construction Contingency	\$	<u>150,500</u>
TOTAL CONSTRUCTION COST	\$	1,655,500
Engineering	\$	265,000
Land Acquisition	\$	20,000
Legal	\$	20,000
Permits, Archeological	\$	10,000
Geotechnical	\$	12,000
Project Contingency	\$	<u>17,500</u>
Soft Costs	\$	<u>344,500</u>
TOTAL PROJECT COST	\$	2,000,000

Appendix F. Supporting Documentation

HUGHES RIVER WATER BOARD
SOURCE WATER PROTECTION PLAN

USER CHARGE ANALYSIS

INTERCONNECTION

TOTAL PROJECT COST	\$4,045,300
MINUS GRANTS	
EDA	\$0
ARC	\$0
RUS	\$0
IJDC	
Sm. CITIES	\$0
SRF	\$0
SUBTOTAL	\$0
NET PROCEEDS	\$4,045,300
PLUS COST OF FINANCING	- - -
TOTAL LOAN REQUIRED	\$4,045,300
SOURCE OF LOAN	RUS
LOAN CONDITIONS - INTEREST RATE	2.500%
- TERM	38 YEARS
LOAN AMOUNT	\$4,045,300
ANNUAL DEBT SERVICE	\$166,141
COVERAGE (15%)	\$24,921
TOTAL ANNUAL REPAYMENT	\$191,062

HUGHES RIVER WATGESHES RIVER WATER BOARD
SOURCE WATER PROTECE WATER PROTECTION PLAN

USER CHARGE AN\USER CHARGE ANALYSIS

TREATED WATER

TOTAL PROJECT COST		\$448,000
MINUS GRANTS		
	EDA	\$0
	ARC	\$0
	RUS	\$0
	IJDC	
	Sm. CITIES	\$0
	SRF	\$0
	SUBTOTAL	\$0
NET PROCEEDS		\$448,000
PLUS COST OF FINANCING		---
TOTAL LOAN REQUIRED		\$448,000
SOURCE OF LOAN	RUS	
LOAN CONDITIONS - INTEREST RATE		2.500%
- TERM		38 YEARS
LOAN AMOUNT		\$448,000
ANNUAL DEBT SERVICE		\$18,399
COVERAGE (15%)		\$2,760
TOTAL ANNUAL REPAYMENT		\$21,159

HUGHES RIVER WATER ES RIVER WATER BOARD
SOURCE WATER PROTECTWATER PROTECTION PLAN

USER CHARGE ANALYR CHARGE ANALYSIS

RAW WATER

TOTAL PROJECT COST	\$2,000,000
MINUS GRANTS	
EDA	\$0
ARC	\$0
RUS	\$0
IJDC	
Sm. CITIES	\$0
SRF	\$0
SUBTOTAL	\$0
NET PROCEEDS	\$2,000,000
PLUS COST OF FINANCING	---
TOTAL LOAN REQUIRED	\$2,000,000
SOURCE OF LOAN	RUS
LOAN CONDITIONS - INTEREST RATE	2.500%
- TERM	38 YEARS
LOAN AMOUNT	\$2,000,000
ANNUAL DEBT SERVICE	\$82,140
COVERAGE (15%)	\$12,321
TOTAL ANNUAL REPAYMENT	\$94,461

Rev 2/5/15

BOIL WATER ADVISORY CALL LIST

PINEVIEW	(643-2704) 643-27122	RAIGUEL	643-2913
CITY PERK	643-2141	SUBWAY	643-2800
SENIOR CENTER	643-4941	SHOP N SAVE	643-2230
PIZZA HOUSE	643-2675	W UNION BANK	643-2265
PAR MAR	643-4994	UNION BANK	643-2974
HEALTH DEPT	643-2917	PEKING	643-2223
SANDWICH SHOP	643-2187	HOUSECALLS	643-5557
PRIMARY CARE	643-4005 X4	ST LUKES	643-4124
GRADE SCHOOL	643-2220	MARJORIE ROSE	540-462-7775 (643-5810)
HEADSTART	643-4326	<u>RADIO</u> WRRR-ST MARYS	684-3400
COURTHOUSE	643-2164 X226		FAX 684-9241
BOE	643-2991	WCHM-FROGGY 99	485-6158
LAUNDROMAT	643-4441		FAX 424-6955
WELFARE OFFICE	643-2934	<u>TV</u> WTAP	485-4588
HUNTINGTON BANK	643-2901		FAX 422-4107
RITE AID	643-2902 X5	WBOY	623-3311
HOMETOWN PHARM	643-4001		FAX 623-9269
HERITAGE INN	643-2938	WDTV	848-5000
MOOSE LODGE	643-4713	<u>PAPERS</u>	PARKERSBURG NEWS 800-642-1997 Fax - 304-485-5122
TROY MILLS	643-2972		RITCHIE GAZETTE 643-2221 Fax - 643-2156
WV INS	643-2772		PENNSBORO NEWS 643-4947
RC DENTAL CTR	643-5050	911 CENTER	FAX: 659-3772
WASHBURN STORE	643-5272	WHEELING STATE OFFICE:	238-1002

N.B. Golf Course - 643-2206
+11 October

HRWB SWPP Protection Team Meeting

Chael Miller	Carrone Associates
ALAN HAULTT	HRWB
Kevin Burns	HVFD
Bill Dayless	EVFD
FRED KADER	MOVRC
Gary Hoyle	Coins
SCOTT Rodeheaver	WV BPH

Public Meeting

Don Jackson	Friends of the Hughes
Vickie Nutter	Friends of the Hughes @ resident
Jim Shreves	Friends of the Hughes

PROTECTION TEAM / PUBLIC MEETING

A protection team meeting was held on May 18, 2016 at 6:00 at the Town Hall in Harrisville. An advertised public meeting was held directly afterwards at 7:00.

Alan Haught (HRWB), Kevin Burns (HVFD), Bill Bayless (EVFD), Fred Rader (MOVRC), Gary Haugh (Cairo), Scott Rodenhaver (WVBPH), and Chad Miller (Cerrone Associates) were in attendance during the protection team meeting. Remaining members of the protection team were not available due to prior commitments. The SWPP was reviewed with those in attendance and additional information was added to the report.

Three (3) members of the Friends of the Hughes Watershed Association attended the public meeting along with those mentioned above – Dave Jackson, Vickie Nutter, and Jim Shreves. The Friends of the Hughes brought up several talking points that were discussed:

1. Antero has a NPDES permit application filed for 2,000 tons per day of salt in the proposed new landfill in the watershed.
2. Currently no permit is filed for anything radioactive at the site. They have concerns that there will be radioactive material at the proposed Antero site.
3. Local activities that increase turbidity in the Hughes have to be driving up chemical costs at the plant. Inquired the amount of chemicals that are used at the plant. The information was not available at the time of this report.
4. Friends of the Hughes have been taking water samples throughout the watershed and are willing to provide the information as a baseline of the source water.
5. Friends of the Hughes have noticed that there has been increasing levels of Bromide in the tested areas.
6. Friends of the Hughes would like to see an expansion on the tests required by BPH of the raw water at the Water Treatment Plant.
7. They have seen some trace amounts of Ammonium in previous samples
8. Have not seen Iodide present to date.
9. Friends of the Hughes have concerns of the runoff at the Antero Plant.

Information was provided to Scott Rodenhaver at the meeting for his review. Scott is to provide the information to be added to the SWPP.

Additional comments from the Friends of the Hughes provided by BPH on June 9, 2016:

- As a management strategy, the Protection Team should contact the companies operating the PSSCs within the ZCC and request copies of their spill prevention and response plans, groundwater protection plans, stormwater management plans, and Material Safety Data Sheets for any chemicals stored onsite. Make sure the PSSCs within the ZCC know who to contact at the water plant if a spill should occur. You could call them, send them a letter, or invite them to a meeting.
- Prioritize which shale activities or sites are of greatest concern in the ZCC, drilling sites, wastewater pits, injection wells, etc. With so many PSSCs it may be useful to find out from DEP if any sites have had previous violations and pose a greater risk to drinking water safety.

- Someone on the Protection Team should register to get the spill notifications from the State.
- If the Watershed is doing water quality monitoring, this could be incorporated into the plan as an early detection strategy until monitoring equipment can be purchased.
- We have also found an excellent citizens representative, referred by Ken Zebo. Her name is Marge Rose, and she is willing to participate. She is a retired school teacher, and taught science in the schools. She participated in introducing Project Wet into Ritchie County Schools, has done stream monitoring, conducted outdoor classrooms for students with stream water testing and benthic macro invertebrates. We believe she would do a very good job at representing the citizens of Ritchie County.