

#### west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, S.E. Charleston, WV 25304 (304) 926-0450 fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary www.dep.wv.gov

Thursday, December 16, 2021 WELL WORK PERMIT Horizontal 6A / New Drill

CNX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANONSBURG, PA 15370

Re: Permit approval for SHR37OHSM

47-095-02772

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0450.

Operator's Well Number: SHR370HSM

Farm Name: CNX GAS COMPANY LLC

U.S. WELL NUMBER: 47-095-02772 Horizontal 6A New Drill Date Issued: 12/16/2021

Promoting a healthy environment.

### **PERMIT CONDITIONS**

West Virginia Code § 22-6A-8(d) allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

#### CONDITIONS

- This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
- 2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
- 4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
- 5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled Water Well Regulations, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
- 6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
- 7. 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
- 8. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
- 9. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
- 10. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.

API	Number:	

## **PERMIT CONDITIONS**

11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

API NO. 47-095 -	02772
OPERATOR WEL	L NO. SHR370HSM
Well Pad Name	SHR37

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

1) Well Operator: CNX GAS	COMPANY LL	C 494458046	TYLER /	Centervill West Ur	nion/
	- 2	Operator ID	County	District Quadran	gle
2) Operator's Well Number: S	HR370HSM	Well Pa	d Name: SHR3	37	
3) Farm Name/Surface Owner:	CNX Gas Compa	any LLC Public Ros	ad Access: Duc	kworth Ridge Road	
4) Elevation, current ground:	828'	Elevation, proposed	post-constructi	on: 828'	
5) Well Type (a) Gas x Other	Oil _	Und	erground Storag	ge	
	nallow X orizontal X	Deep	-		
6) Existing Pad: Yes or No Yo	es				
7) Proposed Target Formation( Target formation is Marcellus					
8) Proposed Total Vertical Dep	oth: 6302' TVD	at TD (dependent	upon formation	dip)	
9) Formation at Total Vertical	Depth: Marcelli	us Shale (will not p	enetrate Onon	daga)	
10) Proposed Total Measured I	Depth: 18,061'	MD at TD			
11) Proposed Horizontal Leg L	ength: 11,330'	-			
12) Approximate Fresh Water	Strata Depths:	92', 126', 144',	148', 150', 176	, 220'	
13) Method to Determine Fresh	h Water Depths:	Offset water well	information		
14) Approximate Saltwater De	pths: 1748', 245	8'			
15) Approximate Coal Seam D	epths: No mines	able coal seams; t	race @ 154', 5	26', 618', 955', 992',	1044'
16) Approximate Depth to Pos	sible Void (coal r	nine, karst, other):	None anticipat	ed	
17) Does Proposed well location directly overlying or adjacent t			No	x	
(a) If Yes, provide Mine Info	: Name:			RE RE	CEIVED
	Depth:			Office o	f Oil and Gas
Cragin Blevins Date: 2021,11.09 11:33:06-05'00	Seam:			NOV	1 5 2021
	Owner:			WV De	partment of

API NO. 47- 095 - 02772

OPERATOR WELL NO. SHR370HSM

Well Pad Name: SHR37

#### 18)

#### CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20	New	L/S	<94.0	129	100	96 / CTS
Fresh Water	13.375	New	J-55	54.5	370	370	278 CTC
Coal	13.375	New	J-55	54.5	370	370	278 / CTS
Intermediate	9.625	New	J-55	36	5017	5017 /	1,725 / CTS
Production	5.5	New	P-110	20	18,061	18,061 /	3,754 / TOC @ 2,100
Tubing	2.375	New	J-55	4.7	Above assumes RF = 29'	TBD	N/A
Liners	N/A						



TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated  Max. Internal  Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20	30	0.375	N/A	N/A	Type 1	1.18
Fresh Water	13.375	17.5	0.380	2,730	<500	Class A	1.19
Coal	13.375	17.5	0.380	2,730	<500	Class A	1.19
Intermediate	9.625	12.25	0.352	3,520	<2,815	Class A	1.19
Production	5.5	8.75 x 8.5	0.361	14,340	~10,000 during frac	Class A or H	1.10
Tubing	2.375	N/A	0.190	7,700	N/A	N/A	N/A
Liners	N/A						

#### **PACKERS**

Kind:	Mechanical	
Sizes:	9.625"	
Depths Set:	2600'	

API NO. 47-095 - 02772

OPERATOR WELL NO. SHR370HSM

Well Pad Name: SHR37

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Utilize conductor rig to set 20" conductor into solid rock and cement back to surface. MIRU drilling rig. Air drill 17-1/2" hole. Run and cement 13-3/8" fresh water casing. Note that there are no known mineable coal seams in this area. Air drill 12-1/4" hole. Run and cement 9-5/8" intermediate casing. Air drill 8-3/4" production hole to curve KOP (this section is typically directionally drilled with a slant/tangent profile for anti-collision and for lateral spacing). Displace hole with 12.0-12.8 ppg SOBM. Drill 8-1/2" curve from KOP to landing point. Continue drilling 8-1/2" lateral to TD (geosteer this section to remain in Marcellus target window). Perform clean-up cycle to condition well. Run and cement 5-1/2" production casing. Suspend well and skid to next well or RDMO drilling rig.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Run CBL to ~60 degrees in the curve and back to surface to determine production casing TOC. Test production casing and toe prep well. MIRU stimulation/hydraulic fracturing equipment. Fracture well by pumping required number of stages utilizing plug-and-perf method. Max anticipated treating pressure is ~11,000 psi and max anticipated treating pump rate is ~100 bpm. Number of stages and stage spacing to be finalized after drilling. After last stimulation stage, drill out frac plugs and clean-out well to PBTD. Flow back and clean-up well. Tie well into production. Run tubing when required.

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 8.5
- 22) Area to be disturbed for well pad only, less access road (acres): 8
- 23) Describe centralizer placement for each casing string:

Fresh water string: centralize shoe joint and every other joint to surface - utilize bow spring centralizers. Intermediate string: centralize shoe joint and every 3rd joint to surface - utilize bow spring centralizers. Production string: centralize every joint from shoe to TOC - utilize single piece/rigid bow centralizers. Actual centralizer placement may be changed based on hole conditions.

24) Describe all cement additives associated with each cement type:

Fresh water/coal string: Class A cement with 1%-3% CaCl2 and 1/4 pps cello-flake/LCM. Intermediate string: Class A cement with 0%-2% CaCl2 and 1/4 pps cello-flake/LCM. Production string: Class A or H cement or Class H:Poz blend with dry blend and/or liquid additives including retarder, suspension agent, gas block, defoamer, fluid loss control, extender, dispersant, anti-settling agent. Actual cement blends may vary slightly depending upon cementing service company utilized.

25) Proposed borehole conditioning procedures:

Cragin Blevins Digitally signed by Gragin Blavin

Air sections are typically vertical holes - will ensure the hole is clean at section TD prior to TOOH to run casing (may require mist and/or soap to clean the hole). For the production hole - once at TD, circulate at max flowrate with max rotation until the shakers clean-up (typically requires multiple bottoms-up). For the production casing - once on bottom with casing, circulate a minimum of one hole volume prior to pumping cement.

\*Note: Attach additional sheets as needed.

#### **SHR37 Cement Additives**

Fresh water string: Class A cement with 1%-3% CaCl2 and 1/4 pps cello-flake/LCM. Intermediate string: Class A cement with 0%-2% CaCl2 and 1/4 pps cello-flake/LCM. Production string: Class A or Class H with dry blend and/or liquid additives including retarder, suspension agent, gas block, defoamer, fluid loss control, extender, dispersant, anti-settling agent. Actual cement blends may vary slightly depending upon cementing service company utilized.

RECEIVED
Office of Oil and Gas

NOV 1 5 2021

WV Department of Environmental Protection

CNX							DRILLING WELL PLAN SHR370 HSM-HS (Marcellus HZ) Macellus Shale Horizontal Tyler County, WV												
round Elevatio					R370 I	HSM LF	SM LP (Lat/Long) 302335.86 N, 1622950.36E (NAD27)												
				De	pths f	rom RK	8												
WELLBORE DIAGRAM	HOLE	CASING	GEOLOGY	MD	TVO	MUD	CEMENT	CENTRALDERS	CONDITIONING	COMMENTS									
	36"	26*	Conductor	100	100	AIR	To Surface	NA	Ensure the hole is clean at TO.	Stabilize surface filirsoil Conductor cealing = 0.37 wall tripiness									
			DFGW	245															
	17.5	13-3/8° 54.5#	Freeport Coal	183	183	AH	15.8 ppg Class H + 2% CaCl, 0.25# Lost Circ	Bow Spring on first 2 joints treen every third	Soap the hole while drilling through the coal seams and	Casing to be run 30" - 50 below bate of Pittsburgh G Intermediate centry = 0.3									
	11.3	J-55 BTC	un-named shale and sand	184	184		20% Extests Yield = 1.264	joint to 100 form surface	enquire the hole is clean at TD.	wail thickness Burst #2730 psi									
			Coal Casing	370	370														
× ×			Hartem Coal	555	555														
			Bakerstown Coal	647	647			1											
			Upper Kiltaning Coal Seam	984	984	73 15.5 ppg Chics A													
		9-5/8* 364	Middle Kittaning Coal Seam	1,021	1,021					Casing to be run 100' bok									
			Lower Kittaning Coal Seam	1,073	1,073		Nancional Control												
H   H			Little Lime	1.616	1,616		15.8 ppg Class A +0.4% Ret, 0.15% Disp.												
	12.25*		9-5/8* 364	9-5/8* 365 J-55 LTO			filig Lime	1,656	1,656		0.2% Anti-park	How spring centralizers	Ensure the hole is clean at	the 5th Sand Base.					
			12.25*						Keener / Big Injun Top	1,736	1,736	AR	9 1254/sk Lost Diro 20% Excess	tivery third joint to 100 feel from surface.	TD.	intermediate casing = 0.35, wall trickness			
								Price Formation (Base of	1,876	1,876	1	Yieid+1,283	feet from surface.		Burst=3520 ps				
													Big Injun) Weir Sand	2,026	2.026		To Surface		
H							Berea	2,176	2,176										
											Gordon	2,266	2,266				1	1	
01 10				Warren Sand	3,166	3,166	1												
			Benson	4,756	4,756	1													
			Alexander	4,966	4,956														
			Int. Casing	5,917	5,000														
	8.75* Vertical		Cashaqua Shale	6,964	5,746	AIR	16.0pgg Class A 25.78/0												
101 161		7	Middlesex	7,364	6,146		System												
			West River	7,405	6,167		+2.5% Cameni extender. 9.7% Fluid Loss		Once at TO, provinte at										
x x		5-1/2* 23# P-110				Jurye 5-1/2* 23#	urve 5-1/2* 23#	Curve 5-1/2" 23#	Burket Shale	7,475	6,257		addtive, 0.45% high		max allowable pump rate for	Production casing # 0.361* wall thickness			
	8.5" Curvi								5-1/2" 23#	Tully Limestone	6,293	TVD	12.5cpg SOBM	temp returder, 0.2% friction reducer	Unbody bowspring	gt least 6x bottoms up.	Burstv14340 pei		
181 191	1					110 Hamilton Shale 6.313 TVD	every joint to TOC	Once on bottom with casing, circulate a minimum	Note Actual centralizer										
						1 4 4 4	100	12.00	1	1		1	1 - 1 - 1	1		Upper Marcellus	6,326	CVT	1
			Purceil	6,332		1	Yald+1.27		pumping cemerit.										
	-	-					TOC >= 1000												
	0.50	8.5 Middle Marcellu Cherry Valley																	
183	Lateral			Lower Marcellus	6,356		13.0ppg												
	Catterni		Onondaga Limestone	6,375		BOBM													
	V	V	X Vinondaga Limestone	X V		×	×	×	X	X									
	P & +/- 6302	-	8.75 / 8.5 Hole -	Comenta	dl.one S	String			or n Lateral	TD @ +/-18061 MO									

	Inpu	rts.		
Pad	SHR37			
Well Letter	O HSM			
Ground Elev	1273.08			
Azimuth	161.00			
Lat Length	11330.00			
Coordinate System	NAD27			
TVD	6302.00			
	Northing	Easting	MD	TVD
SHL	313718.40	1619397.61	0	NA.
KOP	NA.	NA	5571	3554
LP	313048,05	1619261.87	6731	6302
BHL	302335.86	1622950.36	18061	6302

API Number 47 - 095 - 0 2772
Operator's Well No. SHR370HSM

## STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

#### FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

	OP Code 494458046	
Watershed (HUC 10) Headwaters Middle Island Creek Quadrangle	West Union	
Do you anticipate using more than 5,000 bbls of water to complete the proposed will a pit be used? Yes No V	vell work? Yes	No
If so, please describe anticipated pit waste: no pits		
Will a synthetic liner be used in the pit? Yes No If	so, what ml.? NA	
Proposed Disposal Method For Treated Pit Wastes:		
Land Application		
<ul> <li>Underground Injection (UIC Permit Number 47-001-0</li> </ul>		
Reuse (at API Number_wornswhsm47-061-01871, wornsxhsm47		3, WDTN19 wells API TBD
Off Site Disposal (Supply form WW-9 for disposal loc Other (Explain No Pits	eation)	
Other (Explain 110 110		
Will closed loop system be used? If so, describe: Yes		
Orilling medium anticipated for this well (vertical and horizontal)? Air, freshwate		n spud-swifece to curve Alck-off point (KCP).
-If oil based, what type? Synthetic, petroleum, etc. Synthetic	izontal; synthetic oil-based mud (SOBM	from curve KOP to lateral TD
dditives to be used in drilling medium? Bactericide, Polymers, and Weighting Agents		
rill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Lond App	dication of soil conductor suttings only, all other cutti	ngs will be taken to an approved Landfill
-If left in pit and plan to solidify what medium will be used? (cement, lin	ne, sawdust) N/A	Office of Oil at
-Landfill or offsite name/permit number? See attached.	1	NOV 152
		102
Permittee shall provide written notice to the Office of Oil and Gas of any load of o West Virginia solid waste facility. The notice shall be provided within 24 hours of where it was properly disposed.	Irill cuttings or associated frejection and the permitt	
I certify that I understand and agree to the terms and conditions of the G in August 1, 2005, by the Office of Oil and Gas of the West Virginia Department rovisions of the permit are enforceable by law. Violations of any term or condaw or regulation can lead to enforcement action.  I certify under penalty of law that I have personally examined and an application form and all attachments thereto and that, based on my inquiry obtaining the information, I believe that the information is true, accurate, and	ENERAL WATER POLI of Environmental Protect ition of the general perm n familiar with the inform of those individuals imm complete. I am aware	waste rejected at any artmentee shall also disclosental Protection. I understand that the it and/or other applicable mation submitted on this mediately responsible for
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Proposed Revegetation Treat	ment: Acres Disturbe	2d 15.57 Prevegeta	tion pH 6.5
Lime according to ph	H test Tons/acre or to	correct to pH 7.0	
Fertilizer type 10-2	20-20		
Fertilizer amount 5	00	lbs/acre	
Mulch_ hay or str	aw @ 2	Tons/acre	
		Seed Mixtures	
Te	mporary		Permanent
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	25	Orchard Grass	25
Birdsfoot Trefoil	15	Birdsfoot Trefoil	15
Ladino Clover	10	Ladino Clover	10
	pit will be land applie on area.	r land application (unless engineered plans d, include dimensions (L x W x D) of the p	
Maps(s) of road, location, pit provided). If water from the pacreage, of the land application Photocopied section of involving the control of the land application of the land	pit will be land applie on area. ved 7.5' topographic s	d, include dimensions (L x W x D) of the pheet.	
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Type of Waste	Disposal Company Name	Disposal Location	Disposal Locatio	n Coo Well ID / Name	Permit # (if applicable)	Accepted Waste Streams	Disposal Company Contact Inform
Brine Injection - Treatment	Appalachian Water Services (Nuverra Environmental Solutions)	2326 McClellandtown Road, Masontown, PA 15461	39.853056, -79.924786	Appalachian Water	WMGR GP No. 1235W001 WQM Industrial Waste Permit No.; 2608201 A-2	Brine (Produced Water) and oily water from compressor stations.	Rob Bealko 304-291-0383 Office 304-282-8814 Cell rob.bealko@nuverra.com
RW & TENORM	Austin Master Services	801 N 1st St, Martins Ferry, OH 43935	40.105200, - 80.711630	N/A	N/A	Non-radioactive material, low level radioactive material, (NORM/TENORM), and high level TENORM material handling, storage, downblending, transport/loading to rail, tank cleaning, radiological sampling/testing analysis/lab.	Office: 740-609-3800  Jack Bernent CED Austin Master Services LLC 355 Circle of Progress Pottstown PA, 19464 Ph:(\$85) 704-2744 Fax: 644 624-5506 Office: 740-609-3800
Brinė Injection - Treatment	Austin Master Services	801 N 1st St, Martins Ferry, OH 43935	40.105200, - 80.711630	N/A	N/A	Brine (Produced Water)	Jack Bernent CEO Austin Master Services LLC 355 Circle of Progress Pottstown PA, 19464 Ph; 1985] 704-2744 Fax: 484 674-5506*
RW & TENORM	Belmont Solids Control	78405 Cadiz-New Athens Rd. Cadiz, OH 43907	40.233830, - 81.003300	100	tu.	Non-radioactive material, low level radioactive material. (NORM/TENORM), and high level TENORM material handling, storage, downblending, transport/loading to rail, tank cleaning,	Dave Brown 412-848-1828 Mark Winsap 330-692-0423;
	Cambrian Well Services - Kemble	Zanesville, Muskingum	39.974954	N/A Kemble 1-D	N/A	radiological sampling/testing analysis/lab.	dbrown@ApexLF.com Bob Orr 740-796-6495 614-648-8898
Brine Injection - Treatment	(Orr Petroleum Corporation)	County, Perry Township, OH	-81.845389 37.087460, -	(SWIW#2B)	34-119-2-8780	Brine (Produced Water)	orrpetro@gmail.com
Brine Injection - Treatment	CNX Resources Corporation	Buchanan County, VA	82.047918 37.222201, -	BPC01	VAS2D960BBUC	CNX Owned UIC SWIWs: Frac water, brine, produced water	Contact Ops Groups
Brine Injection - Treatment	CNX Resources Corporation	Buchanan County, VA	81.959987 37.184198, -	N26	VAS2D930BBUC	CNX Owned UIC SWIWs: Frac water, brine, produced water	Contact Ops Groups
Brine Injection - Treatment	CNX Resources Corporation	Buchanen County, VA	82.082549 37.120547, -	U7	VAS2D926BBUC	CNX Owned UIC SWIWs: Frac water, brine, produced water	Contact Ops Groups
Brine Injection - Treatment	CNX Resources Corporation	Russell County, VA	81.961222 37.147934, -	AW114A	VAS2D970BRUS	CNX Owned UIC SWIWs: Frac water, brine, produced water	Contact Ops Groups
Brine Injection - Treatment	CNX Resources Corporation	Buchanan County, VA	82.075320	Ball Well Order No. 2015-452;	VASS2D921BBUC	CNX Owned UIC SWRWs: Frac water, brine, produced water	Contact Ops Groups Wes Mossor General Manager wesm@deeprockds.com DeepRock Disposal Solutions LLC
Brine Injection - Treatment	DeepRock Disposal Solutions	Washington County, Warren Township, OH	39.426278, - 81.502379	No. 2 Well; SWIW No. 20	API#34-167-2-9543-00-00	Brine (Gradueed Water)	Office: 740,371.5078 ext. 206   Cell 304.588.0936
Brine Injection - Treatment	DeepRock Disposal Solutions	Washington County, Warren Township, OH		Order No. 2015-582: Heinrich Unit #2			Wes Mosor General Manager wesm@deeprockds.com DeepRock Disposal Solutions LLC Office: 740.871.5078 ext. 206   Cell 304.588.0936
Brine Injection - Treatment	DeepRock Disposal Solutions	Washington County, Warren Township, OH		Order No. 2015-581; Heinrich Unit #1	API#34-167-2-9445-00-00		Wes Mostor General Manager wesm@deeprockds.com DeepRock Disposal Solutions LLC Office: 740.371.5078 ext. 206   Cell 304.583.0936
Brine Injection - Treatment	DeepRock Disposal Solutions	Washington County, Marietta Township, OH	39.402842, - 81.476913	Order No. 2019-79; American Growers No. 1 Well, SWIW No. 26	API#34-167-2-9766-00-00		Wes Mossor General Manager wesm@deeprockds.com DeepRock Disposal Solutions LLC Office: 740.371.5078 ext. 206   Cell 304.588.0936

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							Michael Chapin: Ph. 740-763-3966 Cell 740-403-9664 tantrummr@aol.com
Brine Injection - Treatment	EGO Water Solutions LLC	5367 E. State Street, Newcomerstown, OH 43832	40.283293, - 81.578068	Mozena #1 Well [SWIW #13]	API#34-157-2-5511	Brine (Produced Water)	Robert Schenken Director Business Development HydroEdge Solutions Wisconsin White Sand rschenken@hydroedgesolutions.con
				Pattison Trust No.			Bryan Force Mobile: 412.289.0069
Brine Injection - Treatment	Environmental Energy Services (LC (Force, Inc.)	Muskingum County, Perry Township, OH	39.973643, - 81.825727	1-D (5W/W #30)	API# 34-119-2-8803	Brine (Produced Water)	Office: 724.465.9399 bforce@forceincorporated.com
Brine Injection - Treatment	Environmental Energy Services LLC (Force, Inc.)	Barnsville, Belmont County, OH	NEED	Barnsville (SWIW #2)	34-013-2-0609 UIC #609	Frac water, brine, produced water	Bryan Force Mobile: 412.289.0069 Office: 724.465.9399 bforce@forceincorporated.com
Brine Injection - Treatment	Gas Field Services, Inc.	200 Camp Creek Road, Camp Creek, WV 25820	37,495138, -81.105161	Camp Creek Disposal Well	UIC: UIC200550319 API: 47-055-00319	Class II injection fluids that are in connection with conventional oil or gas production and may be commingled with waste waters from gas plants unless those waters are classified as hazardous wastes at the time of injection.	Zachery Reed zacheryr4@yahoo.com PO Box 555, Rosedale, VA 24280 Phone: (276) 880-2323
Brine Injection - Treatment	Greene County Water Treatment, Inc	401 Jefferson Rd. Waynesburg, PA 15370	39.908611, - 80.141111	Waynesburg Facility		Oil and Gas Fluids with minimal oil and solids present	Gary Carpenter 267-246-6176 JABGCarpenter@aol.com
				A a your and I would		Non-radioactive material, low level radioactive material, (NORM/TENORM), and high level TENORM material handling,	Office: (330) 270-9900 Larry Chamberlain
RW & TENORM	Ground Tech LLC	240 Sinter Court, Youngstown, OH 44510	41.113260, - 80.674500	N/A	N/A	storage, downblending, transport/loading to rail, tank cleaning, radiological sampling/testing analysis/lab.	330-398-5919 Ichamberiain@iwc-inc.com Ashley Cromley
Brine Injection - Treatment	Hydro Recovery	572 Route 18 Burgettstown, PA 15021	40,422874, - 80,426125	Burgettstown Facility	WMGR1235WD19	Oil and Gas Fluids with minimal oil and solids present	570-394-4450 Ashley.cromley@hydrorecoverylp.co m
Non-Haz Dispsal	Mascaro & Sons: Wetrel Co IE	1521 Wetzel County Landfill Rd. New Martinsville, WV 26155	ini.	Wetzel County	N/A	Gas Specific Waste Streams: Drill Cuttings/Frac Sand, Waste Liners, Other Accepted Waste Streams; Contaminated Soil (Including Petroleum) Construction & Demolition Waste,	Terry Gadd terry.gadd@jpmascaro.com, 610-636
RW & TENORM	Mud Masters LLC	54054 Wintergreen Rd Lore City, OH 43725		N/A	N/A	Industrial Waste, Process Waste, Municipal Solid Waste  Non-radioactive material, low level radioactive material (NORM/TENDRM), and high level TENDRM material handling, storage, and transport. (ENORM downlending of low level TENDRM material (< 85 pCi) on-site. High level TENDRM (< 85 pCi) materials will be directed to Austin Master Services in Matrius Ferry, Ohio by Shound Tech).	4133 Tom Meinert 740-255-0357 heavymudmasters@gmail.com Billing Address: 739 Southgate Pkwy, Cambridge, Chil 43725
		111 Conner Lane,		Noble / Westmoreland		Gas Specific Waste Streams: Drill Cutilings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum), Construction & Demolition Waste, Industrial Waste,	13/23
Non-Itar Disosal	Noble Environmental Landfill (Former Westmoreland Waste)	Belle Vernon, PA 15012	N/A	Sanitary Landfill		Friable Asbestos, Non-Friable Asbestos, Municipal Solid Waste	Customer Service: (724) 929-7694
RW & TENORM	Pressure Tech	7675 East Pike Norwich, Ohio 43767	39.97415, -81.84476	65 N/A	N/A	Non-TENORM wastes including cement water and oil or water based drilling mud only. Are not to accept waste that is known to have elevated levels of TENORM or compressor station water.	Bob Orr: 614-648-8898
Oily & Oily Water Treat - Recycl	le Quela	515 Industrial Blvd., Wooster, OH 44691	N/A	N/A	N/A	Non-hazardous wastewater, transportation, treatment and disposal facility. Also offer transportation and solidification services.	330-264-8080 (O) jslater@quala.us.com
Non-Haz Disosal	Republic Services - Imperial (Allied Waste of PA)	11 Boggs Rd, Imperial, PA 15126	N/A	Imperial Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings/Frac Sand, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum), Construction & Demolition Waste, Industrial Waste, Sludge, Friable Asbestos, Non-Friable Asbestos, Municipal Soild Waste	Jack Palermo - jpalermo@republicservices.com, 330- 536-7575
Brine Injection - Treatment	Reserved Environmental Services (RES)	1119 Old Route 119 South Mt. Pleasant, PA 15666	40.215555, - 79.606388	New Stanton Facility		Cill and Gas Fluids with minimal oil and solids present	Matt Kicinski 814-574-9701 mkicinski@reswater.com
Brine Injection - Treatment	Reserved Environmental Services (RES)	506 Uppencott Road Waynesburg, PA 15370	39.945555, - 80.140833	Waynesburg Facility	WMGR1235W031	Dil and Gas Fluids with minimal oil and solids present	Matt Kicinski 814-574-9701 mkicinski⊕reswater.com
Hazardous Waste Disposal	Safety Kleen	10 Industrial Park Drive Wheeling, Wv. 26003	N/A	Wheeling Landfill	N/A	RCRA/TSCA Waste, PCB Transformers & Capacitors, PCB Soll/Debris, Non-Hazardous Wastes, Asbestos Waste, Solidification Services	Gordon Cooper Gordon.cooper@safety-kleen.com 304-215-2284
		173 Industrial Park Ln., Beech				Approved for non-has water treatment of oil & water mix. Also offer transportation and solidification services. Capable of other types of waste disposal and handling with prior Environmental	1-865-570-9034 Joe Staton: 717-360-7916 Office: 301-223-1251 Fax: 301-223-1253
ily & Oily Water Treat - Recycl	e Spirit Services, Inc.	Bottom, WV 25030	N/A	N/A	N/A	and Supply Chain approval.	jstaton@spiritservices.com

RW & TENORM	Empire Fluid Solutions (Formerly Troo Clean)	41540 Nabonal Road Belmont, OH 43718	40.0687, -81.04963	N/A	N/A	Non-radioactive material, low level radioactive material (NORM/TENORM) material handling, storage, downblending, transport/loading to rail, tank, cleaning, radiological sampling/testing analysis/lab. Non-radioactive material & radioactive material handling (NORM/TENORM), solids separation, material downblending, tank cleaning, radiological sampling/testing analysis/lab. Liquid/semi-tolids treatment and separation for water disposal.	Orin David Orin david@trooclean.com 918-
		311313	40,0007, 01,04303	11/2	N/A	separation for waste unposal.	Corporate Number; 734-442-2353 Guy Turturice gturturice@valicar.com
Oily & Oily Water Treat - Recycle	Valicor Environmental Services LLC	515 N. 8th Ave, Huntington, WV 25201	N/A	N/A	N/A	Approved for non-haz water treatment of oil & water mix, oil, oil filters, and antifreeze only.	304-963-1563 Steve Atkinson SAtkinson@vallcor.com
Non-Haz Disosal	Waste Management - American Landfill	7916 Chapel St SE, Waynesburg, OH 44688	N/A	American Landfill	N/A	Gas Specific Waste Streams; Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil [Including Petroleum] Construction & Demolition Waste, Industrial Waste, Sludge, Fiable Asbestos, Non-Friable Asbestos, Process Waste, Soildiffication Services, Municipal Soil Waste.	Customer Service: 1 (866) 909-4458 Mark A. Thomas: 412-522-0610, mthoma15@wm.com Tom Farnsworth: C- 330-204-4244, TFarnswo@wm.com
		200 Rangos Ln, Washington,				Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum), Construction & Demolition Waste, Industrial Waste, Sludge, Process Waste, Solidification Services, Municipal Solid	Customer Service: 1 [866] 909-4458 Mark A. Thomas: 412-522-0610, mthoma15@wm.com Tom Farnsworth; C-330-204-4244.
Non-Haz Disosal	Waste Management - Arden Landfill	PA 15301	N/A	Arden Landfill	N/A	Waste	TFarnswo@wm.com Customer Service: 1 (866) 909-4458
Non-Haz Disosal	Waste Management - Evergreen Landfill	1310 Luciusboro Rd, Blairsville, PA 15717	N/A	Evergreen Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams! Contaminated Soil (Including Petroleum), Construction & Demolition Waste, Industrial Waste, Municipal Soild Waste	Mark A. Thomas: 412-522-0610, mthoma15@wm.com Tom Farnsworth: C- 330-204-4244, TFarnswo@wm.com
		1500 Hayden Blvd, Elizabeth,				Gas Specific Waste Streams: Orill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum), Construction & Demolition Waste, Industrial Waste, Sludge, Process Waste, Solidification Services, Municipal Solid	Customer Service: 1 (866) 909-4458 Mark A. Thomas: 412-522-0610, mthoma15@wm.com Tom Farnsworth: C- 330-204-4244,
Non-Haz Disosal	Waste Management - Kelly Run	PA 15037	N/A	Kelly Run Landfill	N/A	Waste	TFarnswo@wm.com
Non-Haz Disosal	Waste Management - Mahoning Landfill	3510 E Garfield Rd, New Springfield, OH 44443	N/A	Mahoning Landfill	N/A	Gas Specific Waste Streams: Orill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum)Construction & Demolition Waste, Industrial Waste, Non-Friable Asbestos, Process Waste, Municipal Soild Waste	Customer Service: 1 (866) 909-4458. Mark A. Thomas: 412-522-0610, mthoma15@wm.com Tom Farnsworth: C-380-204-4244, IFarnswo@wm.com
Non-Haz Disosal	Waste Management - Meadowfill Landfill	1486 Dawson Dr, Bridgeport, WV 26330	N/A	Meadowfill Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (including Petroleum)Construction & Demoltion Waste, Industrial Waste, Sludge, Friable Asbestos, Non-Friable Asbestos, Process Waste, Solidification Services, Municipal Solid Waste	Customer Service: 1 (866) 909-4458 Mark A. Thomas: 412-522-0610, mthoma 15@ wm.com Tom Farnsworth: C- 330-204-4244, TFarnswo@wm.com
Hazardous Waste Disposal	Waste Management - Model City	1550 Balmer Rd Youngstown, NY 14174	N/A	Model City Landfill	N/A	RCRA/TSCA Waste, PCB Transformers & Capacitors, PCB Soil/Debris, Non-Hazardous Wastes, Asbestos Waste, Solidification Services	Linda Davie: 716-286-0365 or 716-754-8231 or 800-963-4776
Von-Haz Disosal	Waste Management - Northwestern Landfill	510 Dry Run Rd, Parkersburg, WV 26104	N/A	Northwestern Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum)Construction & Demolition Waste, Industrial Waste, Sludge, Process Waste, Solidification Services, Municipal Solid Waste	Customer Service: 1 (856) 909-4458 Mark A. Thomas: 412-522-0610, mthoma15@wm.com Tom Farnsworth: C-330-204-4244, TFarnswo@wm.com
		4439 Good Hope Pike,				Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum)Construction & Demolition Waste, Industrial Waste,	Customer Service: 1 (866) 909-4458 Mark A Thomas: 412-522-0610, mthoma 15@wm.com Tom Farnsworth; C- 330-204-4244,
Ion-Haz Disosal	Waste Management - 5&5 Grading Landfill	Clarksburg, WV 26301	N/A	S&S Grading Landfill	N/A	Sludge , Process Waste, Municipal Solid Waste	TFarnswo@wm.com
ion-Haz Disosal	Waste Management - South Hills (Arnoni)	3100 Hill Rd, South Park Township, PA 15129	N/A	South Hills Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Construction & Demolition Waste, Industrial Waste, Studge, Process Waste, Solidification Services, Municipal Solid Waste	Customer Service: 1 (866) 909-4458 Mark A Thomas: 412-522-0610, mthoma15@wm.com Tom Farnsworth; C- 330-204-4244,
	3000	, , , , , , , , , , , , , , , , , , , ,	-0.72	- Committee of the Comm	100	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum), Construction & Demolition Waste, Industrial Waste,	Transwo@wm.com  Customer Service: 1 (866) 909-4458  Mark A. Thomas: 412-522-0610,  mthoma15@wm.com
		6015 Pleasant Valley Rd.				Sludge, Friable Asbestos, Non-Friable Asbestos, Process Waste,	Tom Farnsworth: C- 330-204-4244,

					A		Travis Maryanski tmaryanski@wm.com
Non-Haz Disposal	Waste Management - Chestnut Ridge	385 Harr Ln, Blountville, TN 37617				Spencer to complete	(865) 388-7279 Cell (205) 552-8137 Tech Service
Non-Haz Disposal	MXI Environmental Services LLC	2619 Old Trail Road Abingdon, VA 24210				Spencer to complete	John Twiddy johnt@mxiinc.com 26-28-66-36 ext. 202; 276-608-0003 Cell
Non-Haz Disosal	Republic Services - Short Creek	North Fork Short Creek Road, Wheeling, WV 26003	N/A	Short Creek Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings/Frac Sand, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum), Construction & Demolition Waste, Industrial Waste, Sludge, Process Waste, Municipal Soild Waste	Jack Palermo - jpalermo@republicservices.com, 330- 536-7575
Non-Haz Disosal	Republic Services - Carbon-Limestone**	8100 S State Line Rd, Lowellville, OH 44435	N/A	Carbon-Limestone	N/A	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum)Construction & Demolition Waste, Industrial Waste, Sludge, Process Waste, Solidification Services, Municipal Solid Waste  **Ohio "TENORM" - requires Radium 226/228 analysis by load before leaving the well pad. Solid waste landfills in Ohio can only accept TENORM waste with combined concentration less than 5 piccouries per gram above the natural background level.	Jack Palermo - jpalermo@republicservices.com, 330- 536-7575
Disposal like mudmasters	takes en Fluid Management Solutions (FMS)	S445 US-40 East, Triadelphia, WV 26059	40.06886, 80.61492	N/A	N/A	Cement Water, Oil Base, Drill Mud, Water Base, Cellar Clean Outs ex. Also they do washouts and they have storage capacity at 2000bbl for 10lb brine and 10.5lb brine.	



Saran Weigand Manager Upstream Permitting Work, 724-485-3244 Entail: saranwe gand@cnx.com CNX Center 1000 CONSOL Energy Drive Canonsburg, PA 15317-6506 724-485-4000

West Virginia Department of Environmental Protection 601 57th Street, SE Charleston, WV 25304

Dear Sir or Madam:

Pursuant to West Virginia Code §22-6A-8(g2), CNX Gas Company, LLC is requesting an approval from the office to land apply cuttings associated with the drilling of the conductor (unconsolidated materials) on location for pad SHR37. CNX Gas Company, LLC is the surface landowner of parcel 01-17-0005 in Tyler County and therefore consents to this method.

The wells planned for the second round of drilling operations on this pad are:

SHR37KHSM

SHR37LHSM

SHR37MHSM

SHR37NHSM

SHR37OHSM

SHR37PHSM

SHR37QHSM

SHR37RHSM

Sincerely,

Darch Weigand

Office of Oil and Gas

NOV 1 5 2021

WV Department of Environmental Protection



#### SHR37\_M2 Pad Frac - SOG Review

In accordance with WVDEP 35CSR8 Section 5.11, all known shallow oil and gas (SOG) wells have been identified within a 1000' buffer of the SHR37\_M2 pad Area of Review (AOR). These wells have been reviewed and are provided in a list that includes API, Operator, Well Name, Well Number, Current Status, Total Depth, and Producing Formation at Total Depth. See the following pages, including (Figures 3 and 4).

The Marcellus Shale of the SHR37 Pad area is found at an approximate True Vertical Depth (TVD) of 6500'. In the Shirley area, there are very few producing formations between the Big Injun and the Benson Sand. Most producing wells are either approximately 2000' or 5000' deep. Although there are a significant number of SOG Communication events in the Shirley area, it is highly unlikely that communication will occur with any wells producing from formations shallower than the Benson Sand, found at an approximate TVD of 5000'. This is based on previous experience and study of SOG Communication with Marcellus fracs throughout Ritchie and Doddridge counties. To provide a feel for risk, all wells shallower than 3000' are colored green on Figure 3 and all wells deeper than 3000' are colored red.

The current hypothesis for SOG Communication is that Marcellus frac fluids and pressure intersect and migrate up a nearby fault that acts as a conduit for upward migration and intersection with high permeability reservoirs of the Alexander and Benson. Both of these reservoirs are primarily depleted, allowing an easier pressure migration throughout these formations. Geomechanical data is collected from dipole sonic logs. CNX's nearest sonic data is from the SHR1C well (Figure 1), immediately north of the SHR37 pad. Frac modeling (Figure 2) of the Marcellus in the area does not show significant upward frac growth. In fact, typical frac height would need to be more than double to reach the Alexander, approximately 1000' above the Marcellus Shale. Without faulting acting as a conduit, CNX Geology does not feel that SOG Communication is feasible in the Shirley area.

Office of Oil and Gas

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WV Department of Environmental Protection

SHR37\_M2 Pad Frac SOG Review / Pad Risk Review Wednesday, October 13, 2021

Figure 1. Stratigraphic intervals of high stress should serve as adequate confining layers, or frac barriers, for a Marcellus frac, seen below in the SHR1C Stress Profile log.

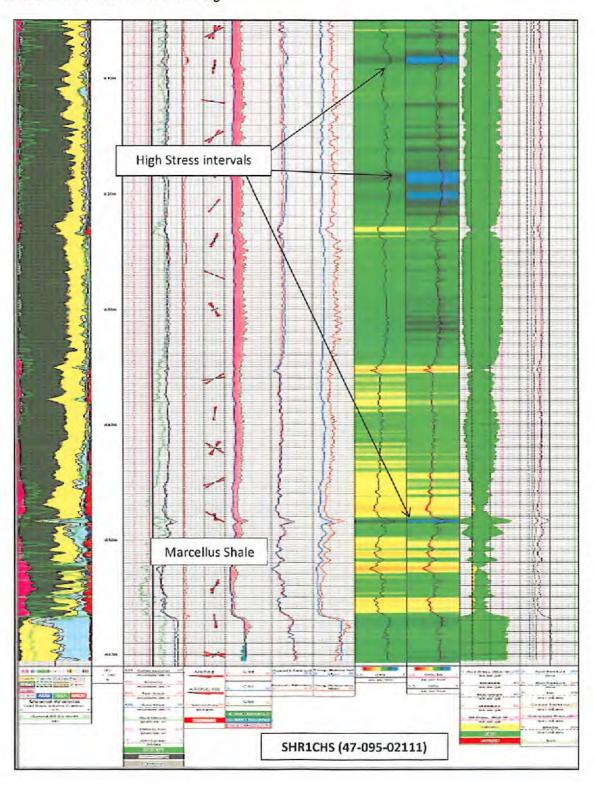
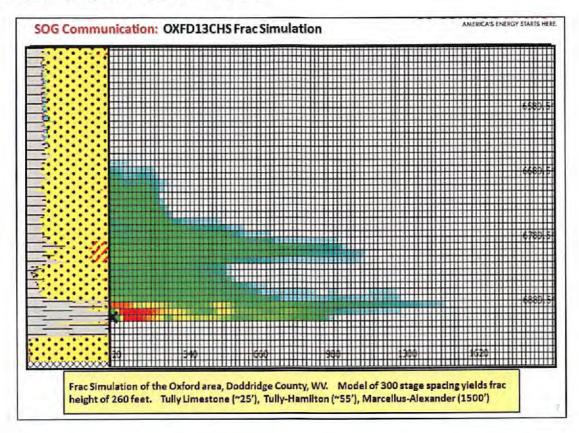




Figure 2. Stratigraphic intervals of high stress should serve as adequate frac barriers for a Marcellus frac. The frac modeling example below is from the Oxford area of western Doddridge County, where the Marcellus and adjacent shales are lithologically similar to the same formations in the Shirley area. Frac modeling only yields frac height of approximately 300' and falls far short of the 1000' required to communicate with the Alexander or Benson formations. Therefore, faulting is the primary suspect for upward frac migration.



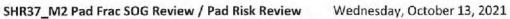




Figure 3. All wells within a 1000' buffer around the laterals have been reviewed and listed below. Wells with TD less than 3000' are colored green and TD' deeper than 3000' colored red.

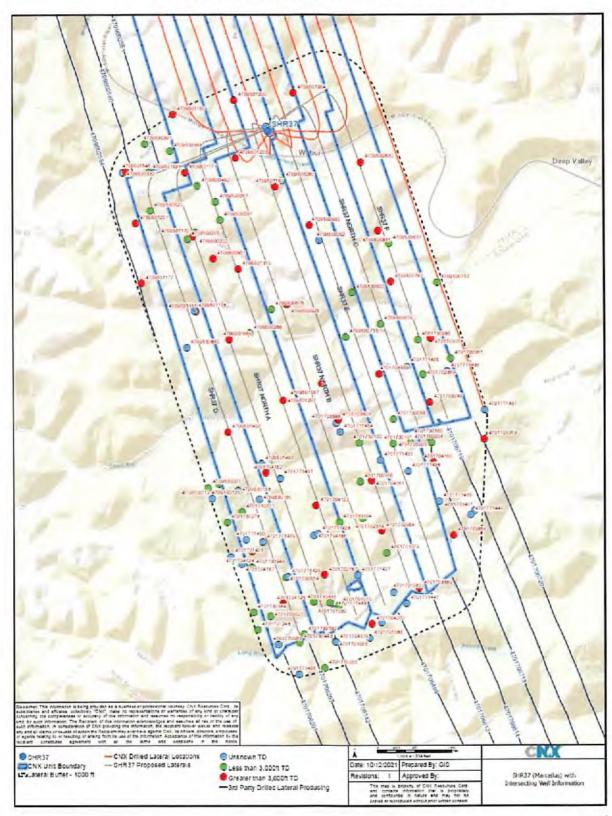






Figure 4. A list of all wells within a 1000' buffer around the laterals have been reviewed and listed below.

Apif0 -	CurrentOperator	- WeliName -	Current Statu -	TotalDept -	FormationAtTE +
4701704124	KEY OIL COMPANY	C. DOTSON 2	ACTIVE	5216	BENSON
4701702359	RITCHIE PETROLEUM CORPORATION, INC.	HAMMER, L. G. 1	ACTIVE	2300	WEIR
4701702514	RITCHIE PETROLEUM CORPORATION, INC.	MONTGOMERY, JOHN 1	ACTIVE	2380	WEIR
4701703859	HARPER CROSBY HOLDINGS, LLC	JAMES 1	ACTIVE	5091	BENSON
4701704162	KEY OIL COMPANY	SHEPHERD 2	ACTIVE	5532	BENSON
4701704160	KEY OIL COMPANY	MILLER 1	ACTIVE	5320	BENSON
4701704187	RITCHIE PETROLEUM CORPORATION, INC.	SHEPHERD, CARROLL	ACTIVE	2050	INJUN
4701703253	GREYLOCK CONVENTIONAL	MCCUTCHAN, WILLIAM PAUL J-794	ACTIVE	5576	BENSON
4701704200	MURVIN & MEIER OIL CO.	CARL JAMES 1	ACTIVE	5350	BENSON
4701704161	KEY OIL COMPANY	SHEPHERD 1	ACTIVE	5336	BENSON
4701704123	KEY OIL COMPANY	C. DOTSON 1	ACTIVE	5436	BENSON
4701702361	RITCHIE PETROLEUM CORPORATION, INC.	HAMMER, L. G. 2	ACTIVE	2396	WEIR
4701703559	DIVERSIFIED GAS & OIL PLC	WAGNER 1 182-S	ACTIVE	4951	RILEY
4701703018	GREYLOCK CONVENTIONAL	MCCUTCHAN, WILLIAM P. J-513	ACTIVE	5305	BENSON
4701704126	KEY OIL COMPANY	A. DOTSON 2	ACTIVE	5375	BENSON
4701703249	GREYLOCK CONVENTIONAL	MCCUTCHAN, WILLIAM PAUL J-795	ACTIVE	5363	BENSON
4701702964	GREYLOCK CONVENTIONAL	HAMMER, LORENA J-390	ACTIVE	5267	BENSON
4701703829	DIVERSIFIED GAS & OIL PLC	WAGNER 3-184-S	ACTIVE	5150	BENSON
4709500831	GREYLOCK CONVENTIONAL	PRATT, A. E ESTATE J-315	ACTIVE	5512	BENSON
4709501170	GREYLOCK CONVENTIONAL	2515 JK-1282	ACTIVE	5530	BENSON
4709501207	DIVERSIFIED GAS & OIL PLC	WAGNER 2 183-S	ACTIVE	5056	BENSON
4709500925	GREYLOCK CONVENTIONAL	MCCUTHEN, W. PAUL J-515	ACTIVE	5428	BENSON
4709501204	DIVERSIFIED GAS & OIL PLC	HARRIS, DANNY & PATRICIA WVGK-2552	ACTIVE	4919	BENSON
4709500679	RITCHIE PETROLEUM CORPORATION, INC.	BRADFORD, HATTIE 2	ACTIVE	2313	WEIR
4709501221	GREYLOCK CONVENTIONAL	AYERS, VIRGINIA J-1385	ACTIVE	5579	BENSON
4709501171	DIVERSIFIED GAS & OIL PLC	FLINT, MATTIE DOTSON ETAL 2510	ACTIVE	5469	BENSON
4709501311	GREYLOCK OPCO, LLC	L. L. JAMES 4	ACTIVE	5130	BENSON
4709501545	MURVIN & MEIER OIL CO.	JOSEPH HEIRS 1	ACTIVE	5271	ELK
4709500992	GREYLOCK CONVENTIONAL	MCKITRICK, ROY - HEIRS J-664	ACTIVE	5014	BENSON
4709501931	MURVIN & MEIER OIL CO.	JOSEPH HEIRS 2	ACTIVE	2531	WEIR
4709501310	GREYLOCK OPCO, LLC	L. L. JAMES 3	ACTIVE	5490	BENSON
4709500830	GREYLOCK CONVENTIONAL	PRATT, A. E ESTATE J-314	ACTIVE	5136	BENSON
4709501200	DIVERSIFIED GAS & OIL PLC	PRATT, ELDON & NANCY JK-1310	ACTIVE	4927	BENSON
4709501669	DIVERSIFIED GAS & OIL PLC	LONG 1	ACTIVE	5175	BENSON
4709501223	DIVERSIFIED GAS & OIL PLC	JENKINS 1 334-S	ACTIVE	4954	BENSON
4709501223	DIVERSIFIED GAS & OIL PLC	GREGG 1	ACTIVE	4795	BENSON
4709500676	RITCHIE PETROLEUM CORPORATION, INC.	BRADFORD, HATTIE 1	ACTIVE	2466	WEIR
4709501495	DIVERSIFIED GAS & OIL PLC	THACKER 2	ACTIVE	5180	BENSON
4709501557	KEY OIL COMPANY	BURGESS 1	ACTIVE	5321	BENSON
4709502664	CNX	SHR 37 IHSM	ACTIVE	<null></null>	MARCELLUS SHALE
4709502666	CNX	SHR 37 HHSM	ACTIVE	<null></null>	MARCELLUS SHALE
4709502665	CNX	SHR 37 FHSM	ACTIVE	<null></null>	MARCELLUS SHALE
4709502667	CNX	SHR 37 DHSM	ACTIVE	<null></null>	MARCELLUS SHALE
4709502868	CNX	SHR 37 EHSM	ACTIVE	<null></null>	MARCELLUS SHALE
4709502669	CNX	SHR 37 GHSM	ACTIVE	<null></null>	MARCELLUS SHALE



#### SHR37 M2 Pad Frac SOG Review / Pad Risk Review Wednesday, October 13, 2021

SHR37_M2 Pad Frac SOG Review / Pad Risk Review		w wednesday, October	Wednesday, October 13, 2021		
Api10	CurrentOperator	WellName	CurrentStatus	TotalDepth	FormationAtTD
4701700014	RITCHIE PETROLEUM CORPORATION, INC.	DOTSON, ARLINGTON 2	INACTIVE	1845	INJUN
4701704186	RITCHIE PETROLEUM CORPORATION, INC.	BRAKE, SAMUEL J.	INACTIVE	2000	NUUN
4701704570	BLACKROCK ENTERPRISES, LLC	SHEPHERD, MICHAEL	INACTIVE	UNKNOWN	UNKNOWN
4701702356	RITCHIE PETROLEUM CORPORATION, INC.	SHEPHERD, N. 1	INACTIVE	2303	WEIR
4701771423	(N/A)	N MILLER	INACTIVE	UNKNOWN	UNKNOWN
4701771425	(N/A)	ARLINGTON DOTSON	INACTIVE	UNKNOWN	UNKNOWN
4701771430	(N/A)	E M JACKSON	NACTIVE	UNKNOWN	UNKNOWN
4701771433	HOPE NATURAL GAS CO.	ELIAS THOMAS	NACTIVE	UNKNOWN	UNKNOWN
701771435	HOPE NATURAL GAS CO.	WAGNER	NACTIVE	UNKNOWN	UNKNOWN
701771439	BRADWATER	SAMANTHA COX	INACTIVE	UNKNOWN	UNKNOWN
701771455	PHILADELPHIA OIL CO	F DOTSON	INACTIVE	UNKNOWN	UNKNOWN
701770063	CARTER OIL CO	DOTSON, FINLEY	INACTIVE	UNKNOWN	UNKNOWN
701770065	(N/A)	DOTSON, MCKENDRY	INACTIVE	1961	UNKNOWN
701730056	HOPE NATURAL GAS CO.	E A HENDERSHOT	INACTIVE	1800	UNKNOWN
701730278	HOPE CONSTRUCTION & REFINING	E M JACKSON	INACTIVE	2060	BIG INJUN (UNDIFF)
701730335	JJ GRAHAM AGT ET AL	S YEATER	INACTIVE	1795	UNKNOWN
701730949	DROPPLEMAN, J. P.	ARLINGTON DOTSON	INACTIVE	2012	BIG INJUN (UNDIFF)
701731194	HICKMAN, CHARLES L.	CISCO DOTSON	INACTIVE	1973	BIG INJUN (UNDIFF)
701771427	LUCAS	MARY MONTGOMERY	INACTIVE	UNKNOWN	UNKNOWN
701771434	HOPE NATURAL GAS CO.	WAGNER	INACTIVE	UNKNOWN	UNKNOWN
701771438	(N/A)	MCCUTCHAN-HAINES	INACTIVE	UNKNOWN	UNKNOWN
701771447	HOPE NATURAL GAS CO.	LAWRENCE JAMES	INACTIVE	UNKNOWN	UNKNOWN
701771448	(N/A)	SYEATER	INACTIVE	UNKNOWN	UNKNOWN
701730443	CLIFTON OIL & GAS	MCKENDRY DOTSON	INACTIVE	1882	UNKNOWN
701730102	DEEM, F S	OKEY WASHBURN	INACTIVE	1987	UNKNOWN
701730182	(N/A)	FINLEY DOTSON	INACTIVE	1899	BIG INJUN (UNDIFF)
701771437	HOPE NATURAL GAS CO.	MCCUTCHAN-HAINES	INACTIVE	UNKNOWN	UNKNOWN
701771438	(N/A)	B HENDERSHOT	INACTIVE	UNKNOWN	UNKNOWN
701730101	DEEM, F S	HENDERSON WALTON	INACTIVE	1880	UNKNOWN
701730160	HOPE NATURAL GAS CO.	E A HENDERSHOT	INACTIVE	1930	BIG INJUN (UNDIFF
4701771428	(N/A)	CISCO DOTSON	INACTIVE	UNKNOWN	UNKNOWN
701771429	(NA)	CISCO DOTSON	INACTIVE	UNKNOWN	UNKNOWN
	(NA)	ALFRED DOTSON	INACTIVE	UNKNOWN	UNKNOWN
701771431	HOPE NATURAL GAS CO.	SAMANTHA COX	NACTIVE	UNKNOWN	UNKNOWN
701771440	PHILADELPHIA OIL CO	FINLEY DOTSON	INACTIVE	2682	UNKNOWN
701730184	HOPE CONSTRUCTION & REFINING	E M JACKSON	INACTIVE	1978	UNKNOWN
701730277	CLIFTON OIL & GAS	LEWIS MAXWELL HEIRS	INACTIVE	2142	UNKNOWN
701730286	GREYLOCK CONVENTIONAL	JAMES, LAWRENCE & THELMA 2463	INACTIVE	5517	RILEY
709501177	CARNEGE NATURAL GAS CO	J A EXLINE	INACTIVE	2045	UNKNOWN
4709530126		E M JACKSON	INACTIVE	UNKNOWN	UNKNOWN
4709530160	HOPE CONSTRUCTION & REFINING	WILLIAM SMITH	INACTIVE	2922	BIG INJUN (UNDIFF
4709530830	HOPE NATURAL GAS CO.		NACTIVE	UNKNOWN	UNKNOWN
4709530158	HOPE CONSTRUCTION & REFINING	E M JACKSON	INACTIVE	2968	BIG INJUN (UNDIFF
1709530391	DEEM, F S	A GORRELL DOAK	The state of the s	2495	UNKNOWN
4709530600	HOPE NATURAL GAS CO.	W P BRADFORD	NACTIVE	The state of the s	UNKNOWN
4709530393	DEEM, F S	A GORRELL DOAK	NACTIVE	2110	
4709530520	HOPE NATURAL GAS CO.	A GORRELL DOAK	NACTIVE	2105	BIG INJUN (UNDIFF)
4709530890	HOPE NATURAL GAS CO.	ROBERT DOAK	INACTIVE	UNKNOWN	UNKNOWN
4709550001	DORVA CORP.	J A EXLINE	NACTIVE	2178	UNKNOWN



SHR37 M2 Pad Frac SOG Review / Pad Risk Review Wednesday, October 13, 2021

Api10	CurrentOperator	WellName	CurrentStatus	TotalDepth	FormationAtTD
701700022	EASTERN GAS TRANSMISSION AND STORAGE, INC.	DOTSON, F. 4981	P&A	2682	UNKNOWN
701700204	EQUITRANS, L. P.	JAMES, BRUCE 1	P&A	1916	UNKNOWN
701700205	EQUITRANS, L. P.	JAMES, BRUCE 2	P&A	1006	UNKNOWN
701701065	(N/A)	RONS, JOHN 1	P&A	1985	UNKNOWN
701701248	CHRISTENSON, R WAYNE	DOTSON, FINLEY 1	P&A	1937	BIG INJUN (UNDIFF
701701070	PRIOR, FERRELL L	GARNER, D. 1	P&A	1792	BIG INJUN (UNDIFF
701701079	PRIOR, FERRELL L	THOMAS, ELIZABETH 1	P&A	2553	UNKNOWN
701701092	(N/A)	DOTSON, ARLINGTON - HEIRS 3	P&A	1865	UNKNOWN
701702787	GREYLOCK CONVENTIONAL	SHEPHERD, JAMES E. J-302	P&A	5070	UNKNOWN
701703389	DIVERSIFIED GAS & OIL PLC	JAMES, LAWRENCE L. JK-1045	P&A	5321	UNKNOWN
709501167	SOUTHWESTERN ENERGY	WAGNER 1	P&A	4866	RILEY
709500851	SOUTHWESTERN ENERGY	GRIFFIN, EDITH H. 2	P&A	5025	WEIR
709500712	DORWARD ENERGY CORPORATION	CARNEGIE #516	P&A	UNKNOWN	UNKNOWN
709500202	(N/A)	MOORE, SARAH H. 1	P&A	1096	UNKNOWN
709500267	(N/A)	ELLIS JENKINS HEIRS 1	P&A	1103	UNKNOWN
709500492	ROSS AND WHARTON GAS COMPANY, INC.	SMITH, ROBERT & LUCILLE 2741	P&A	1916	UNKNOWN
709500757	ALLIED ENERGY, INC.	PRATT, A. E. 1	P&A	2209	UNKNOWN
709500715	INDUSTRIAL GAS/FRONTIER ENERGY CO.	BRADFORD, HATTIE 3	P&A	948	UNKNOWN
709500280	APPALACHIAN ENERGY DEV INC	WAGNER #1	P & A	945	UNKNOWN
709500288	(N/A)	DOAK, ROBERT 1	P&A	1849	UNKNOWN
709500292	FLO-WELL INC	FORD, W.A., ET UX 1	P&A	UNKNOWN	UNKNOWN
709500037	BACHELOR, D.	DOKE, MAGGIE, ET AL 1	P&A	1193	UNKNOWN
709500205	(N/A)	S.M. DOAK HEIRS 1	P&A	1100	UNKNOWN
4709500782	BRAXTON OIL & GAS CORP.	MULVAY J-162	P & A	5100	UNKNOWN



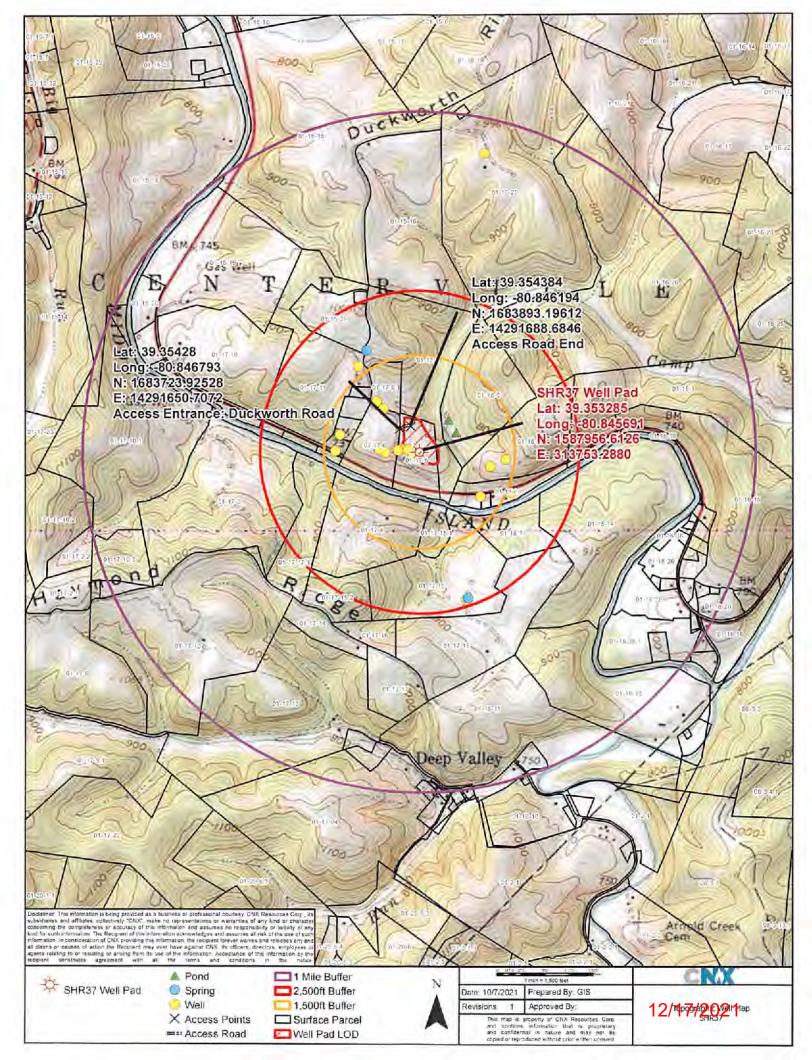
# Site Safety Plan for Well SHR370HSM CNX Gas Company, LLC.

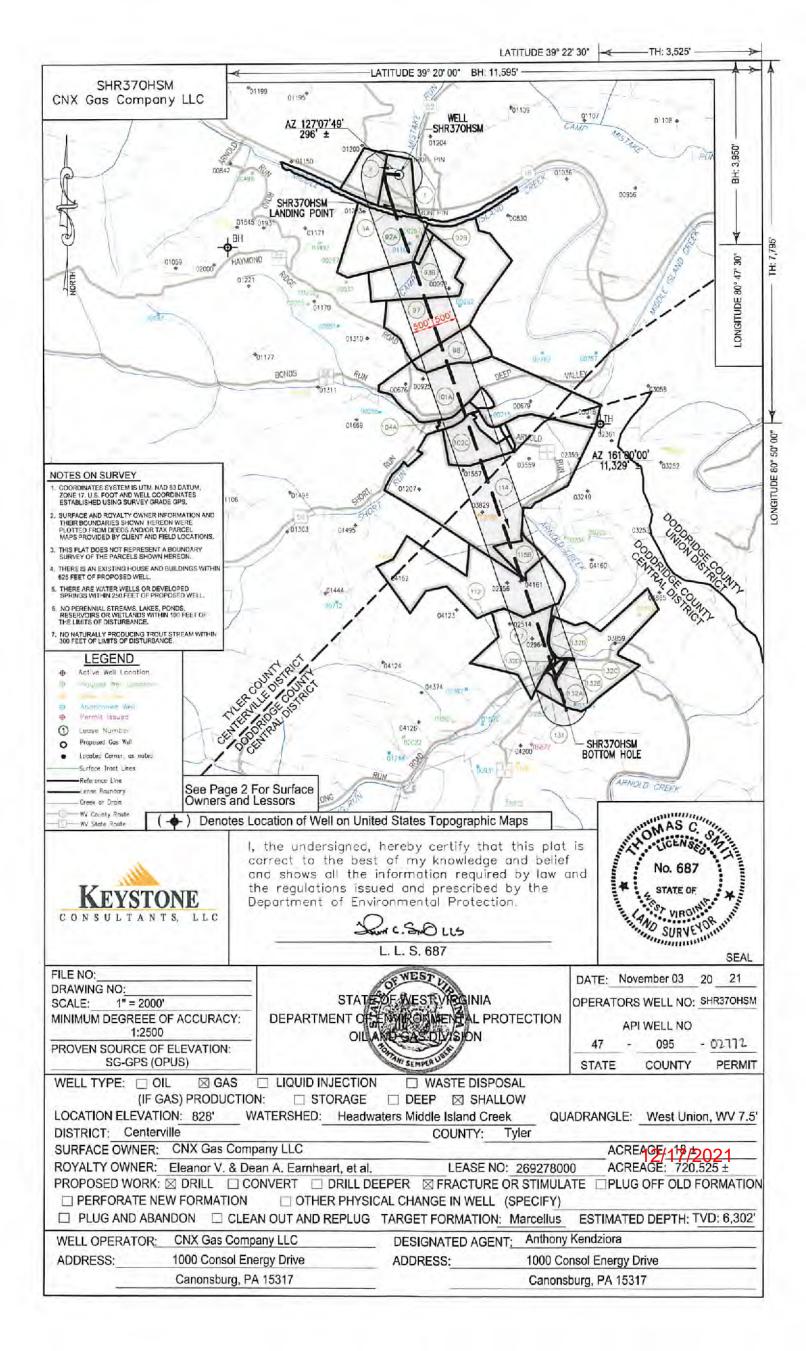


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WV Department of Environmental Protection





	SHR370HSM				
CN	X Gas Company LLC	PAGE 2 OF 6			
1	SURFACE OWNER CNY Gas Company LLC	LESSOR Nancy P, McLain and Ralph E, McLain	PIN 1-17-5		
-	Tank das company de	Pursie E. Pipes and Norma J. Pipes		01200*	01204
		Bradie Pipes and Goldie Pipes Georgia P. Snyder	_	◆ D1150	SHR370HSM
		Agnes Godwin a/k/a Georgia Agnes Godwin			2500'
		Luella I. McConnell Clella Boice			1
		Beanor V. Earnheart and Dean A. Earnhart		012236	1
		Dorothy Belle Wells and Byron Wells  Myrna Morgan and David Morgan			1
2	Gail Williamson	Eleanor V. Earnheart and Dean A. Earnheart, her husband	1-17-6	01171	00267
		Ciella Boice, widow Luella I. McConnell, widow	7 (1)	00415	01167
		Agnes Godwin, widow		002874	
		Nancy P. McClain and Ralph E. McClain, wife and husband Georgia P. Snyder, divorced			" = 2000' ogg
		Bradie Pipes and Goldie Pipes, his wife			
		Pursie Pipes and Norma J. Pipes, husband and wife Dorothy Belle Wells and Byron Wells, her husband		Well Refe	erences IRON PIN
		Wanda Weekley, widow			
		Myrna Morgan and David Morgan, her husband Reva D. Rowland, a/k/a Reva Rowland and Ronald Royce Rowlan	ud.		0
	the second of the second of	neva b. nowiend, a/k/a neva howiand and nortale hoyce nowan	Middle		N38'02'40"E
3A	West Virginia Division of Natural Resources	West Virginia Division of Natural Resources	Island		134
92A	Samuel V Ash & Denise Rule	A.E. Doak and Callie Doak	1-17-4	\$22'40	
92B	Ryan & Carrie L Davis	A.E. Doak and Callie Doak	1-17-15.1	934	
93B	Ryan Davis & Carrie L Davis	Ancel Doak and Flora Doak, H/W Goldle McKitrick, widow	1-17-15		1
97	Ryan Davis & Carrie L Davis	Pearl I. Stack	1-17-15		IRON PIN
-1	Ryan & Carrie L Davis	Norma Long	1-18-7	1" = 1000'	SHR370HSM
98	Elden L Pratt, Dean Rodney & Timothy Ray Pratt		1-17-11	1	SURFACE HOLE LOCATION (SHL)
38	The Land of the Control of the Contr				UTM 17 NAD 83 N: 4356027,989
		Barbara McClain Yale University			E: 513285.262
		Tina Marie Vickery fka Tina Marie Greenwood			NAD 83, WV NORTH
		Cheryl Denise Ismert fka Cheryl Denise Cole Shari Greenwood			N: 313753,283 E: 1587956,469
		Gary Lee Greenwood Randall Allen Pratt			LAT/LON DATUM NAD 83
		Chad Greenwood			LAT: 39"21"12.944"
		AMP Fund III, LP			LON: 80°50'44.900"
		Mary Ann Webster, Trustee of the Webster Living Trust, dated December 19, 2001			LANDING POINT
101A	Ralph Paul McCutchan	Margaret C. Nied	1-18-11		UTM 17 NAD 83 N: 4355823.075
		Helen C. Dehle James P. Cullinan			E: 513247,313
		Mary C. Schilling Trust – 2010, by Keith Schilling, Trustee	100		NAD 83, WV NDRTH
		William Paul McCutchan and Virginia B. McCutchan			N: 313082.930 E: 1587820,716
		Kathleen Bradford Upton William Warren Upton and Frances J. Upton, H/W			LAT/LON DATUM NAD 83
		Marie L. Bradford, widow and heir under the Last Will and Testa	ment of		LAT: 39"21'08.299"
West.	Arnolds Creek Christian Church	James Perry Bradford  Planters Bank, Trustee for Franklin L. Butler IRA under agreemen	nt 1-18-9		LON: 80°50'46,500"
102C	William J Stanley	dated 9/10/1991	1-18-10	SHR 37 WELL PAD	BOTTOM HOLE LOCATION (BHL
		Edward Mullooly  Robert E. Burgess, Sr. and Barbara Burgess, H/W			UTM 17 NAD 83 N: 4352578.370
	from the second	Trustee of the Amold's Creek Christian Church			E: 514425,472
104A	William L Stringham & Kelly F Stringham	James Marr Southern and Penny G. Southern, H/W Ronald J. McBee	1-18-8	SHR37NHSM SHR37PHSM	NAD 83, WV NORTH N: 302370.821
		Connie Sue Conrad		O O	E: 1591509.198
		James Lee Phillips aka James L. Phillips  Clyde Williams Phillips aka Clyde W. Phillips		SHR37KHSMO SHR37CHSM	LAT/LON DATUM NAD 83
		Joyce E, Matthews		SHR37LHSMO	LA1: 39 19 20.977
		Chad W. Johnson Janice Coffindaffer			LON: 80°49'57.525"
		Sandra Jean Fox			ammung.
		Harry R. Fox			MAS C. O.
		I, the undersigned, hereby	certify the	at this plat is	CENS
	A	correct to the best of my		and belief	
		and shows all the informat			No. 687
	LEVICTONE	the regulations issued and			STATE OF
	KEYSTONE	Department of Environment	ol Protect	ion.	The sale of
C	ONSULTANTS, LLC	.0		1	VIRBING N
		Sam c. Sme	DLLS		SURVEY WITH
		L. L. S. 6	687		SURVE
	200	L. L. O. C			SEAL
	E NO:	NEST	The state of the s	DATE: N	ovember 03 20 21
	AWING NO:	STATES CHAIRS	E Vandania		The second of the second of
		STATEOFWES	KARGINIA		WELL NO: SHR370HSM
	ALE: 1" = 1000'	120000		ROTECTION I	the second state of
	IMUM DEGREE OF ACCURAC	Y: DEPARTMENT OF ENVIRON	ME TAL PI	NOTES HON	API WELL NO
MIN	IMUM DEGREE OF ACCURAC 1:2500	ON AND GAS	DE SION		
MIN	IMUM DEGREE OF ACCURAC 1:2500 OVEN SOURCE OF ELEVATION	ON AND GAS	250 6 1 0	47	- 095 - 02772
MIN	IMUM DEGREE OF ACCURAC 1:2500 OVEN SOURCE OF ELEVATION NGS CORS Station	N: Of AND CAS	DIVISION		
PRO	IMUM DEGREE OF ACCURAC 1:2500 OVEN SOURCE OF ELEVATION	N: OI AND CAS	250 6 1 0		- 095 - 02772
PRO	IMUM DEGREE OF ACCURAC 1:2500 OVEN SOURCE OF ELEVATION NGS CORS Station	OIL AND GAS	DIVISION VASTE DISPO	STATE	- 095 - 02772
MIN PRO WE	IMUM DEGREE OF ACCURAC 1:2500 DVEN SOURCE OF ELEVATION NGS CORS Station	OIL AND GAS	DEVISION  WASTE DISPO	STATE OSAL	- 095 - 02772 COUNTY PERMIT
WE	IMUM DEGREE OF ACCURACY 1:2500  DVEN SOURCE OF ELEVATION NGS CORS Station  ELL TYPE:  OIL  GA  (IF GAS) PRODUCT  CATION ELEVATION: 828'	AS   LIQUID INJECTION   VETION:   STORAGE   DEER	DIVISION  VISITE DISPO  P SHA  Ile Island Cre	STATE  DSAL  LLOW  eek QUADRANGLE	- 095 - 02772 COUNTY PERMIT
WE	IMUM DEGREE OF ACCURACY 1:2500  DVEN SOURCE OF ELEVATION NGS CORS Station  ELL TYPE: □ OIL ☒ G/ (IF GAS) PRODUCY CATION ELEVATION: 828' ETRICT: Centerville	AS   LIQUID INJECTION   VETION:   STORAGE   DEEP WATERSHED: Headwaters Midd	DEVISION  WASTE DISPO	DSAL LLOW eek QUADRANGLE	COUNTY PERMIT  West Union, WV 7.5
WE LOC DIS SUI	IMUM DEGREE OF ACCURACY 1:2500  OVEN SOURCE OF ELEVATION NGS CORS Station  ELL TYPE:  OIL  G/ (IF GAS) PRODUCY CATION ELEVATION: 828' ETRICT: Centerville  RFACE OWNER: CNX Gas	AS   LIQUID INJECTION   VICTION:   STORAGE   DEEF WATERSHED: Headwaters Midd	NASTE DISPO P SHA le Island Cre COUNTY:	OSAL LLOW eek QUADRANGLE Tyler	- 095 - 02172 COUNTY PERMIT  :: West Union, WV 7.5
WE LOC DIS SUI RO'	IMUM DEGREE OF ACCURACY 1:2500  DVEN SOURCE OF ELEVATION NGS CORS Station  ELL TYPE: OIL SG (IF GAS) PRODUCY CATION ELEVATION: 828' ETRICT: Centerville RFACE OWNER: CNX Gas YALTY OWNER: Eleanor V.	AS LIQUID INJECTION VETION: STORAGE DEER WATERSHED: Headwaters Midd	WASTE DISPO P SHA Ile Island Cre COUNTY:	DSAL LLOW Eek QUADRANGLE Tyler ACF 0: 269278000 ACF	- 095 - 02772 COUNTY PERMIT  West Union, WV 7.5  REAGE2/184/2021  REAGE: 720.525 ±
WE LOC DIS SUI PRO	IMUM DEGREE OF ACCURACY 1:2500  OVEN SOURCE OF ELEVATION NGS CORS Station  ELL TYPE:  OIL  GA  (IF GAS) PRODUCY CATION ELEVATION: 828' ETRICT:  Centerville RFACE OWNER:  CNX GAS  YALTY OWNER:  Eleanor V. OPOSED WORK:  DRILL	AS   LIQUID INJECTION   VETION:   STORAGE   DEER WATERSHED: Headwaters Midd	MASTE DISPO P SHA Ile Island Cre COUNTY: LEASE N	DSAL LLOW Dek QUADRANGLE Tyler ACF C): 269278000 ACF E OR STIMULATE PLI	- 095 - 02772 COUNTY PERMIT  West Union, WV 7.5  REAGE2/184/2021  REAGE: 720.525 ±
MIN PRO LOC DIS SUI RO'	IMUM DEGREE OF ACCURACY 1:2500  DVEN SOURCE OF ELEVATION NGS CORS Station  ELL TYPE: OIL SG (IF GAS) PRODUCY CATION ELEVATION: 828' ETRICT: Centerville RFACE OWNER: CNX Gas YALTY OWNER: Eleanor V.	AS   LIQUID INJECTION   VETION:   STORAGE   DEEP WATERSHED: Headwaters Midd Company LLC & Dean A. Earnheart, et al.   CONVERT   DRILL DEEPER   STORAGE   DRILL DRILL DEEPER   STORAGE   DRILL DRILL DEEPER   STORAGE   DRILL DRI	MASTE DISPO P SHA Ile Island Cre COUNTY: LEASE N	DSAL LLOW Dek QUADRANGLE Tyler ACF C): 269278000 ACF E OR STIMULATE PLI	- 095 - 02772 COUNTY PERMIT  :: West Union, WV 7.5  REAGE 2/18 4/2021  REAGE: 720.525 ±
WE LOCAL SUIT PROPERTY OF THE	IMUM DEGREE OF ACCURACY 1:2500  OVEN SOURCE OF ELEVATION NGS CORS Station  ELL TYPE: OIL Ø G/ (IF GAS) PRODUCY CATION ELEVATION: 828' ETRICT: Centerville RFACE OWNER: CNX Gas YALTY OWNER: Eleanor V. OPOSED WORK: Ø DRILL I PERFORATE NEW FORMATI	AS   LIQUID INJECTION   VETION:   STORAGE   DEEF WATERSHED: Headwaters Middle Company LLC  & Dean A. Earnheart, et al.   CONVERT   DRILL DEEPER   SON   OTHER PHYSICAL CHANCE	WASTE DISPORENCE OF SHALE ISLAND COUNTY:  LEASE NO FRACTURE GE IN WELL	OSAL LLOW  Peek QUADRANGLE Tyler ACF O: 269278000 ACF E OR STIMULATE PLI (SPECIFY)	- 095 - 02772 COUNTY PERMIT  :: West Union, WV 7.5  REAGE 2/18 4/2021  REAGE: 720.525 ±  UG OFF OLD FORMATION
WE LOCAL SUIF RO'S PRO	IMUM DEGREE OF ACCURACY 1:2500  OVEN SOURCE OF ELEVATION NGS CORS Station  ELL TYPE: OIL SGA  (IF GAS) PRODUCY CATION ELEVATION: 828' ETRICT: Centerville RFACE OWNER: CNX Gas YALTY OWNER: Eleanor V. OPOSED WORK: DRILL PERFORATE NEW FORMATI PLUG AND ABANDON	AS   LIQUID INJECTION   VERTION:   STORAGE   DEER WATERSHED: Headwaters Middle Company LLC  & Dean A. Earnheart, et al.   CONVERT   DRILL DEEPER SON   OTHER PHYSICAL CHANGE CLEAN OUT AND REPLUG TARGET	WASTE DISPO P SHA Ile Island Cre COUNTY: LEASE N FRACTURE GE IN WELL FORMATION	STATE  DSAL LLOW Seek QUADRANGLE Tyler ACF O: 269278000 ACF E OR STIMULATE PLU (SPECIFY) N: Marcellus ESTIMAT	- 095 - 02172 COUNTY PERMIT  :: West Union, WV 7.5  REAGE 2/18 4/2021  REAGE: 720.525 ±  UG OFF OLD FORMATION
WE LOC DIS SUIF PRO	IMUM DEGREE OF ACCURACY 1:2500  OVEN SOURCE OF ELEVATION NGS CORS Station  ELL TYPE: OIL Ø G/ (IF GAS) PRODUCY CATION ELEVATION: 828' STRICT: Centerville RFACE OWNER: CNX Gas YALTY OWNER: Eleanor V. OPOSED WORK: Ø DRILL I PERFORATE NEW FORMATI PLUG AND ABANDON DELLOPERATOR: CNX Gas	AS   LIQUID INJECTION   VOTION:   STORAGE   DEEF WATERSHED: Headwaters Middle Company LLC & Dean A. Earnheart, et al.   CONVERT   DRILL DEEPER   ON   OTHER PHYSICAL CHANGE CLEAN OUT AND REPLUG TARGET Company LLC   DESIGN	NASTE DISPO P SHAI ILE ISIAND CRE COUNTY: LEASE N FRACTURE SE IN WELL FORMATION	DSAL LLOW Dek QUADRANGLE Tyler ACF O: 269278000 ACF E OR STIMULATE PLU (SPECIFY) N: Marcellus ESTIMAT NT: Anthony Kendziora	- 095 - 02172 COUNTY PERMIT  :: West Union, WV 7.5  REAGE 2/18 4/2021  REAGE: 720.525 ±  UG OFF OLD FORMATION  TED DEPTH: TVD: 6,302
WE LOC DIS SUIF RO' PRO	IMUM DEGREE OF ACCURACY 1:2500  OVEN SOURCE OF ELEVATION NGS CORS Station  ELL TYPE: OIL Ø G/ (IF GAS) PRODUCY CATION ELEVATION: 828' STRICT: Centerville RFACE OWNER: CNX Gas YALTY OWNER: Eleanor V. OPOSED WORK: Ø DRILL I PERFORATE NEW FORMATI PLUG AND ABANDON DELLOPERATOR: CNX Gas	AS   LIQUID INJECTION   VERTION:   STORAGE   DEER WATERSHED: Headwaters Middle Company LLC  & Dean A. Earnheart, et al.   CONVERT   DRILL DEEPER SON   OTHER PHYSICAL CHANGE CLEAN OUT AND REPLUG TARGET	NASTE DISPO P SHAI ILE ISIAND CRE COUNTY: LEASE N FRACTURE SE IN WELL FORMATION	STATE  DSAL LLOW Seek QUADRANGLE Tyler ACF O: 269278000 ACF E OR STIMULATE PLU (SPECIFY) N: Marcellus ESTIMAT	- 095 - 02.772  COUNTY PERMIT  West Union, WV 7.5'  REAGE 2/18 6/2021  REAGE: 720.525 ±  UG OFF OLD FORMATION  TED DEPTH: TVD: 6,302'

SURFACE OWNER	AGE 3 OF 6	PIN	
SURFACEOWNER	Stephen Fox		
	Troy Fox		
	Melanie L. Yoak		
	Kenneth J. Butler, Jr.		
	Bruce D. Knowlton		
	William Hubbard and Anita Joy Hubbard, H/W		
	Robert Hubbard and Barbara Hubbard, H/W		
	Bonnie Zelic		
	Bradley Hubbard		
	John Paul Smith, Jr.		
	Diane Mikes aka Dianna M. Mikes		
	Barbara McClain		
	James R. Underwood		
	Sherry Quay		
	Robert A. Wagner and Mabel L. Wagner, as Trustees of the Robert and	1	
	Mabel Wagner Living Trust		
	Kathleen Cody	1	
	Charles H. Bower, Jr.	1	
		1	
	Desolyn Florence Doak		
	Brenda S. Ryan		
	John Paladino	125	
.12 Lonnie C James	Lillie M. Shepherd	1-2-5	
	Allegheny Land and Mineral Company		
	The Union National Bank as Trustee for Truman E. Gore and C. Burke		
	Morris, u/a dtd. 8/25/1966		
Victor Goff Stinespring, Charter D. Stinespring	Sonya Rickel and Joe Rickel Jr. W/H	1-2-1	
14 Victor Stinespring et ux	autiya nicket anu sue nicket st. wy.ri	1-2-1.2	
	Charlotte Bryant and Ervin Bryant, W/H		
	Garrett G. Pyles	1 1	
	Janice Phelps and Harry Phelps, W/H		
	Robert F. Pratt and Glenna Z. Pratt, H/W		
	Kenneth E. Pratt and Laura L. Pratt, H/W		
	Janet P. Tinkham and Elwin I. Tinkham, W/H	1	
	Allen Pratt and Patricia Pratt, H/W	1	
	Jean Cole and Robert L. Cole, W/H	1	
	Dorothy A. Greenwood and Malcolm Greenwood, W/H	1 1	
		1 1	
	Margaret R. Mead and Richard F. Mead, W/H	1	
	Mary J. Borer and Donald E. Borer, W/H	1	
	Kenneth M. Wagner and Mary A. Wagner, H/W	1	
	John Paladino	1	
	Patty Lou Fox and Harry R. Fox, W/H		
	Robert D. L. Doak		
	lda Bower		
	Jack Coffindaffer and Janice Lee Coffindaffer, H/W		
	Esther Doak		
	Virginia McBee and Robert McBee, W/H		
	Karen Y. Meiter and Robert Lynn Meiter, W/H		
	Paul Wagner and Joan Wagner, H/W		
	Leona Smith and John Smith, W/H		
	Sylvia Knowleton and Clee Knowleton, W/H	1 1	
	Ruth M. Hubbard	1 1	
	Ina M. Wagner	1	
		1	
	Juliana M. Moore	1	
	Gussie Devoll	1	
	Martha Moore Hanson and Peter S. Hanson, W/H	1	
	Vonda Wagner	1	
	Wayne Kellar and Peggy Kellar, H/W, aka Wayne Kellar and Margaret H.		
	Kellar, H/W		
	Catherine Moore		
	C. H. Wagner and Olive Irene Wagner, H/W		
	Darryl Pratt		
	Mary D. Southern		
	Wilda Doak		
	Beverly Delancey and Eleanor Knight and Stanford Knight, W/H and	1	
	James W. Ash and Hazel Ash, H/W, Lelia Washburn, Charlene Smith and		
	George Smith, W/H, and Barbara Thalrose and Harold Thalrose, W/H		
	and the state of t		
	Theresa Pratt	1	
	Sherry Lynn Quay		
15B Gary R Furby	C. Lynn Curran	1-2-2.1	
200   Gary Kiralby	John Clifton Dowdy	a a ark	
		1	
	Terri Kathleen Corathers Arbogast	1	
	April Suzanne Corather Wallace	1	
	Joy L. Cottrill	1	
	Carl Jackson Smith		
	Judith Ann Gierman	-	
	Karin A. Reddert		12/17/202
	Laura Jean Houseman		,,_02
	Michael Dale Rogers		
	Mark Allen Danne	1 1	
	Mark Allen Rogers	-	
	Lyle Vance Rogers		

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COUNTY

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SURFACE OWNER	LESSOR	PIN
Johnson	Alan Long	
	Ryan Wendel	
	Gary Eugene Criner	
	Jeremi Lyn Criner	- 1
	Sharon Lee Criner Griffith	-
	Cinda Lou Criner Lanham	-
	Jonathon L Criner	- 1
	Gregory M. Smith	4
	Gwendolyn S. Neville	- 1
	Catherine A. Mark	4 1
	John W. Casto	4
	Charles Larry Cottrill	4
	Cindy K. White	-
	Cathleen Shultz	
	Lois A. Arcuri	
	Kenneth Clinton Cottrill	- 1
	Colin D. Goddard	-
	Robert C. Goddard	-
	Bonnie C. Persohn	
	Addie Marie Leadmon	- 1
	James A. Cottrill	-
	William C. Montgomery	- I
	Mary Lou Dawson Rella M. Dawson	
	Glenn H. Montgomery	1 1
	John C. Montgomery	1
	Barbara Kay Montgomery	1
	Benjaimen Jacob Criner	
	Richard P. Criner	1
	Clifford Warrren Montgomery	7
	Tricia Lynn Howard	
	Jeffrey David Montgomery	
	Scott Eric Montgomery	
	Skylar Ora Montgomery	7
	Kendra K. Wyke	7
	Robert W. Pernell	
	Marilyn K. Pernell	
	Sandra L Shirey	
	Kimberly Ann Barnes	3
	Michael A. Barnes	
	Randy Lee Barnes	
	Karen Sue Kinder	
	Sherry Barker	
	Harry Griffith	
	Larry Griffith	_
	Lisa Meeks	4
	Connie Metz	4
	Joseph Smith	
	Richard Walton and Barbara R. Walton	4
	Sarah L. Albright	-
	Medley Brandl	-
	Sarah Bolling	-
	Antero Minerals LLC	+
	Clydette Sherryl Cowgar, aka Sheryl Clydette Cowgar	-
	Kathleen Ann Parrish	-
	Delmas McKinney and Wanda R. McKinney, H/W	-
	Linda McKinney Mercer	- I
	Ella Ruth Walton	- 1
	Deward Whitehair, Jr.	-
	Evelyn Jean Walton Bailey	-
	James L. Hitt	-
	Yvonne Elizabeth Roberts, Sole Successor Trustee of the Pursglove	
	Family Trust, dated 2/7/2000	1
	Cheryl A. Hampton, fka, Cheryl A. Snyder	-
	James Vincent Profaci	-
	Diana Louise Pursglove	-
	Beverly D. Roy fka Beverly D. Merali and Ian Roy, W/H	-
	Debbie Barnes, aka Debbie Summers	<b>⊣</b>
	David Parks and Carla D. Parks H/W	- I
	Sandra Law	- 1
	Sonja Putnam	- I
	Peggy Johnson	-l 1 <u>2</u> /1
	Stephen M. Hiley	⊣ 'f''
	Isaac Criner	- 1
	Chad W. Johnson	- 1
	James W. Ebbs	1 1
	Carole Hanlon	- 1

2021



API WELL NO

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COUNTY

PERMIT

PAGE 5 OF 6

SURFACE OWNER	LESSOR	PIN	
	Michael Dean Walton		
	Anita Jane Spadafora		
	Alice M. Bull		
	Gary Lee Walton		
		-	
	Annette Jill Walton aka Annette Jill Naylon	-	
	Jack Arnold Walton		
	Leonard Francis Cooke Jr.		
	Susan Lee Burns fka Susan Lee Baer	-	
	James F. Baer		
		_	
	Gregory M. Barnes	_	
	Jake Brandl, aka James J. Brandl		
	Angela Jean Garrison, fka Angela Jean Fittrow		
	Alisa Lynn Profaci		
	William Appleton	-	
	Arlena Appleton	_	
	Jared Appleton		
7 Lonnie CJames	Mrs. Sylvia Wulfert, Ruby Hunt, Mr. Lynn Wulfert	1-4-6	
r pointe orantes	U. G. Summers Estate: William G. Summers and Kathryn Summers,		
	H/W, Hector Keith Summers, Pauline Summers, Kathleen Clara		
	Summers		
	U. G. Summers Estate: William G. Summers and Kathryn Summers,		
	H/W, Hector Keith Summers, Pauline Summers, Kathleen Clara		
	Summers		
		-	
	Lorena G. Hammer	-	
	Ardenna Kay Rienstra		
	EIGG Land Limited		
	Robert Swearingen	7	
	Sandra Swearingen	-	H
	Charles W. Hendrickson and Elizabeth Hendrickson		11
	Terry L. Snider		
	Martha Ann Hanes		
	Mary Garland Hanes		
		-	
	Nicholas Osborne Hanes	-	
	Barbara G. Clark		
	Donald Reynolds, aka Donald R. Reynolds		
	Ronald Glenn Hurst		
	James Lee Hurst, Sr.		
	Pamela Sue Summers		
	Kathy Mae Fenstermaker		
	David Leroy Gray		
	David Charles Hurst	$\neg$	
		_	
	Westlake Energy Partners, LLC		
	Cynthia Gray		
	Linda Sue Oxendine		
	Tina Hurst		
	Kitty Ann Sams		
		_	
	Catherine L. Snider	_	
	Barbara L Wilson	_	
	Aunix Acquisition Fund, LLC		
	Harold Wayne Hurst, aka H. Wayne Hurst		
	Rodney Gale Smith	_	
		-	
	Sandra S. DiGiacobbe fka Sandra S. Hurst and Ronald D. DiGiacobbe,		
	W/H		11
	Angela Fay Miller		
	Rebecca Ann Goff		1
	Stephen Duane Jackson		
	Jeffery Allen Hurst	-	
	Richard Duane Hurst	_	
	Ed Broome, Inc.		
	Gwendalyn Rae Swartzfager fka Gwendalyn Rae Rose		
	Mark Allen Jackson and Andrea Jackson, H/W	-	
	Jennifer Lee Harris	_	
	Jack Lee Smith and Cyndi Smith, H/W		
	Norman L Jackson		
	Annette N. Davis and David A. Davis		
		$\dashv$	
	Ruth Ann Nicholson	-	
	Maria Alexandrovna Stihary aka Maria Alexandrovna Standafer		
	Warren Scott Standafer Testamentary Trust		
	Michael Keith Gearhart		
	Brian Philip Gearhart	-	
	Brian Philip Gearhart Joseph Edward Gearhart		
	Brian Philip Gearhart	$\exists$	
	Brian Philip Gearhart Joseph Edward Gearhart	=	
	Brian Philip Gearhart Joseph Edward Gearhart Jason Alan Gearhart Melanie Faith Gearhart		
	Brian Philip Gearhart Joseph Edward Gearhart Jason Alan Gearhart Melanie Faith Gearhart Donald Wayne Hurst, Jr.		12/17/202
	Brian Philip Gearhart Joseph Edward Gearhart Jason Alan Gearhart Melanie Faith Gearhart Donald Wayne Hurst, Jr. Vicki Dean aka Vicki Darlene Kriner		12/17/202
	Brian Philip Gearhart Joseph Edward Gearhart Jason Alan Gearhart Melanie Faith Gearhart Donald Wayne Hurst, Jr.		12/17/202
	Brian Philip Gearhart Joseph Edward Gearhart Jason Alan Gearhart Melanie Faith Gearhart Donald Wayne Hurst, Jr. Vicki Dean aka Vicki Darlene Kriner		12/17/202
	Brian Philip Gearhart Joseph Edward Gearhart Jason Alan Gearhart Melanie Faith Gearhart Donald Wayne Hurst, Jr. Vicki Dean aka Vicki Darlene Kriner Glenn Richard Gray Bruce Patrick Smith		12/17/202
	Brian Philip Gearhart Joseph Edward Gearhart Jason Alan Gearhart Melanie Faith Gearhart Donald Wayne Hurst, Jr. Vicki Dean aka Vicki Darlene Kriner Glenn Richard Gray Bruce Patrick Smith Jamie Lynn Munn		12/17/202
	Brian Philip Gearhart Joseph Edward Gearhart Jason Alan Gearhart Melanie Faith Gearhart Donald Wayne Hurst, Jr. Vicki Dean aka Vicki Darlene Kriner Glenn Richard Gray Bruce Patrick Smith		12/17/202

47 095

STATE COUNTY - 02772 PERMIT

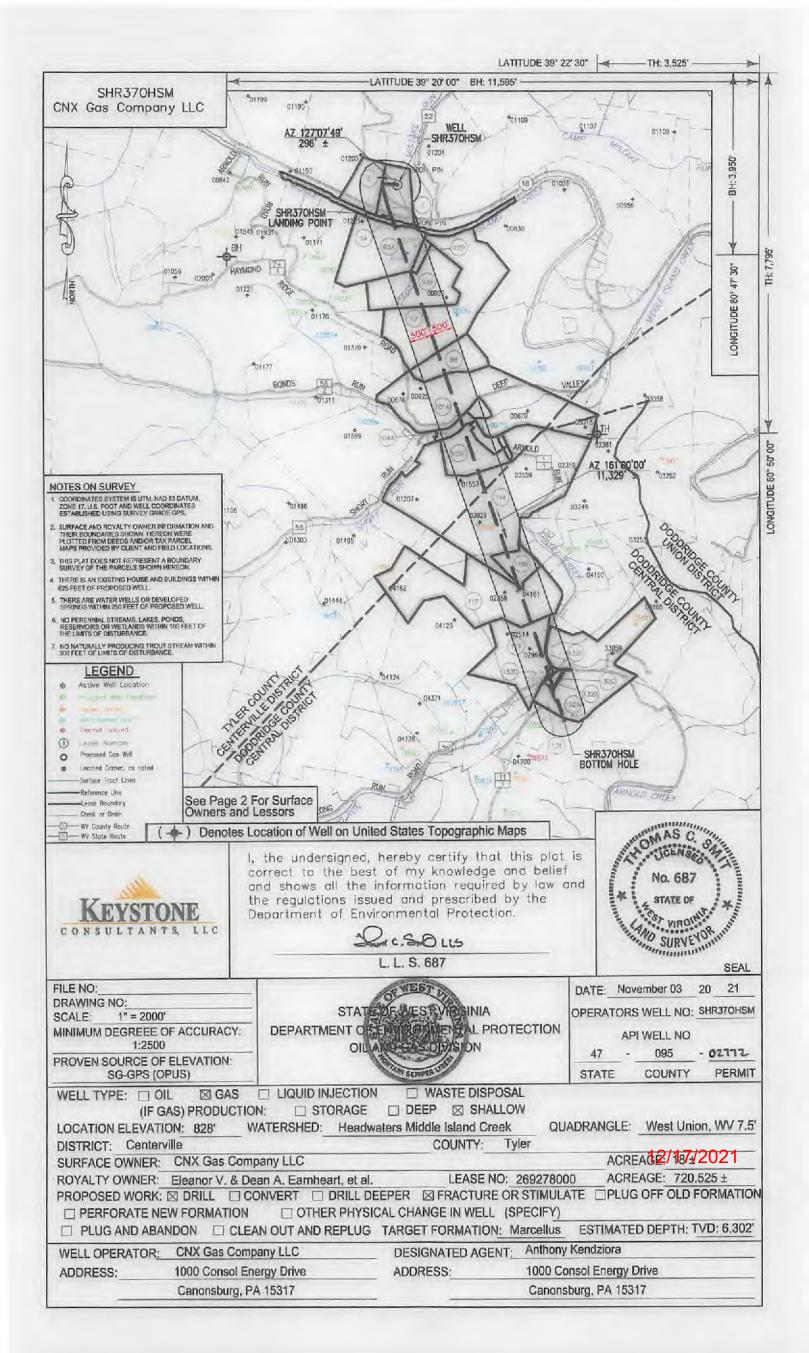


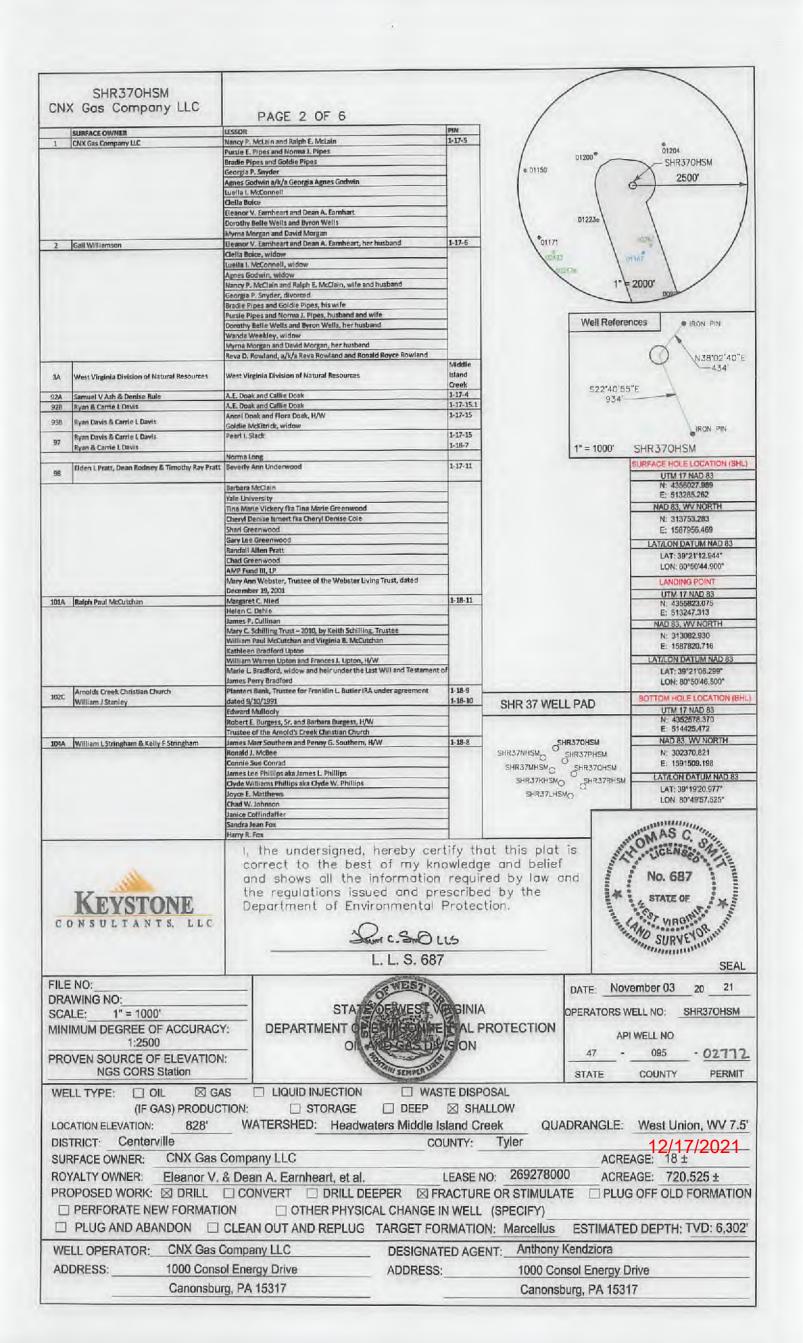
PAGE 6 OF 6

SURFACE OWNER		LESSOR	PIN 1-4-7.1
131 Carlie James		Arnold Lyle Stuart	1-4-7.1
		Katherine Foster Leggett	-
		Jeffrey S. Anderson Eric T. Anderson	- 1
		Brenda J. Fulton	1
			1
		Timothy C. Philips	1
		Freda B. Jones	1 1
		Lorelei L Phillips	1
		Carolyn S. Gaston	-
		Randall R. Leggett	1 2
		Elizabeth A. Guido	4
		Bernard K. Leggett	4
		Eleanor F. DeLawder	
		Janice K. Snider	
		S.J.J. Leggett Family LLC	
		Jennifer L. Powers	
		Beverlee A. Grose	
		Kimberly K. Davis	
		Zadok M. Leggett	
		Kelleigh D. Beverlin	
132A Carlie & Karen M.	amas	Ila M. Powell, Dennis H. Powell and Mellie M. Powell, H/W	1-4-7
SZA Carrie & Karen W.	anies		
		Jerry L. Davis  Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Thelma	- 1
		이 내가 보다면 되었다. 나는 이번 지역 경기를 받아 아니를 가입하면 이번 전에 이번 사람들이 되는 사람들이 되는 것이 되었다. 그 때에서 나를 하는 것이 되었다.	
		McCullough and Corbett McCullough her husband	-
		Helen P. Buff	-
		Lula L. Backus	-
		Clyde M. Shinn	- 1
		Mary Lee Scalf and Robert P. Scalf	-
		Betty Jean Dinella and John Dinella, W/H	-
		Roy R. Shinn and Evelyn Shinn, H/W	4
		Clarence W. Mutschelknaus and Mary F. Mutschelknaus, H/W	-
		Carlie James and Karen M. James, JTROS	
		Sue Ann Gillies	
132B Carlie & Karen M.	ames	lla M. Powell, Dennis H. Powell and Mellie M. Powell, H/W	1-4-7
		Jerry L. Davis	
		Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Thelma	
		McCullough and Corbett McCullough her husband	
		Helen P. Buff	
		Lula L. Backus	
		Clyde M. Shinn	
		Mary Lee Scalf and Robert P. Scalf	1 1
			1
		Betty Jean Dinella and John Dinella, W/H	-
		Roy R. Shinn and Evelyn Shinn, H/W	+ 1
		Clarence W. Mutschelknaus and Mary F. Mutschelknaus, H/W	-
		Carlie James and Karen M. James, JTROS	-
		Sue Ann Gillies	-
		The West Virginia Department of Transportation, Division of	
		Highways	
132C Carlie & Karen M.	lames	Ila M. Powell, Dennis H. Powell and Mellie M. Powell, H/W	1-4-7
		Jerry L. Davis	
		Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Thelma	
		McCullough and Corbett McCullough her husband	
		Helen P. Buff	
		Lula L. Backus	
		Clyde M. Shinn	7
		Mary Lee Scalf and Robert P. Scalf	7 1
		Betty Jean Dinella and John Dinella, W/H	-
		Roy R. Shinn and Evelyn Shinn, H/W	1
		Clarence W. Mutschelknaus and Mary F. Mutschelknaus, H/W	-
			-
		Carlie James and Karen M. James, JTROS	-
		Sue Ann Gillies	1-4-7
132D Carlie & Karen M	James	lla M. Powell, Dennis H. Powell and Mellie M. Powell, H/W	1-4-7
		Jerry L. Davis	-
		Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Thelma	
		McCullough and Corbett McCullough her husband	
		Helen P. Buff	4 1
		Lula L. Backus	_
		Clyde M. Shinn	40/47/00
		Mary Lee Scalf and Robert P. Scalf	_12/1 <b>7</b> /20:
		Betty Jean Dinella and John Dinella, W/H	
		Roy R. Shinn and Evelyn Shinn, H/W	
		Clarence W. Mutschelknaus and Mary F. Mutschelknaus, H/W	
		Carlie James and Karen M. James, JTROS	

KEYSTONE CONSULTANTS, LLC

47 - 095 - 02172 STATE COUNTY PERMIT





SURFACE OWNER	LESSOR	PIN	
	Stephen Fox		
	Troy Fox		
	Melanie L Yoak		
	Kenneth J. Butler, Jr. Bruce D. Knowiton		
	William Hubbard and Anita Joy Hubbard, H/W		
	Robert Hubbard and Barbara Hubbard, H/W		
	Bonnie Zelic		
	Bradley Hubbard		
	John Paul Smith, Jr.		
	Diane Mikes aka Dianna M. Mikes		
	Barbara McClain		
	James R. Underwood		
	Sherry Quay Robert A. Wagner and Mabel L. Wagner, as Trustees of the Robert and		
	Mabel Wagner Living Trust		
	Kathleen Cody		
	Charles H. Bower, Jr.		
	Desolyn Florence Doak		
	Brenda S. Ryan		
	John Paladino		
2 Lonnie C James	Lillie M. Shepherd	1-2-5	
	Allegheny Land and Mineral Company		
	The Union National Bank as Trustee for Truman E. Gore and C. Burke Morris, u/a dtd. 8/25/1966		
4 Victor Goff Stinespring, Charter D. Stinespring Victor Stinespring et ux	Sonya Rickel and Joe Rickel Jr. W/H	1-2-1.2	
	Charlotte Bryant and Ervin Bryant, W/H		
	Garrett G. Pyles Janice Phelps and Harry Phelps, W/H		
	Robert F. Pratt and Glenna Z. Pratt, H/W		
	Kenneth E. Pratt and Laura L. Pratt, H/W		
	Janet P. Tinkham and Elwin I. Tinkham, W/H		
	Allen Pratt and Patricia Pratt, H/W		
	Jean Cole and Robert L. Cole, W/H		
	Dorothy A. Greenwood and Malcolm Greenwood, W/H		
	Margaret R. Mead and Richard F. Mead, W/H		
	Mary J. Borer and Donald E. Borer, W/H		
	Kenneth M. Wagner and Mary A. Wagner, H/W		
	John Paladino	- 1	
	Patty Lou Fox and Harry R. Fox, W/H Robert D. L. Doak		
	Ida Bower		
	Jack Coffindaffer and Janice Lee Coffindaffer, H/W		
	Esther Doak		
	Virginia McBee and Robert McBee, W/H		
	Karen Y. Meiter and Robert Lynn Meiter, W/H		
	Paul Wagner and Joan Wagner, H/W		
	Leona Smith and John Smith, W/H		
	Sylvia Knowleton and Clee Knowleton, W/H		
	Ruth M. Hubbard		
	Ina M. Wagner Juliana M. Moore		
	Gussie Devoll		
	Martha Moore Hanson and Peter S. Hanson, W/H		
	Vonda Wagner		
	Wayne Kellar and Peggy Kellar, H/W, aka Wayne Kellar and Margaret H.		
	Kellar, H/W		
	Catherine Moore		
	C. H. Wagner and Olive Irene Wagner, H/W		
	Darryl Pratt		
	Mary D. Southern		
	Wilda Doak  Reverly Delancey and Eleanor Knight and Stanford Knight W/H and		
	Beverly Delancey and Eleanor Knight and Stanford Knight, W/H and James W. Ash and Hazel Ash, H/W, Lelia Washburn, Charlene Smith and		
	George Smith, W/H, and Barbara Thalrose and Harold Thalrose, W/H		
	Theresa Pratt		
5B Gary R Furby	Sherry Lynn Quay	1-2-21	
5B Gary R Furby	C. Lynn Curran John Clifton Dowdy	1-2-2.1	
	Terri Kathleen Corathers Arbogast		
	April Suzanne Corather Wallace		
	Joy L. Cottrill		
	Carl Jackson Smith		
	Judith Ann Gierman		12/17/202
	Karin A. Reddert		
	Laura Jean Houseman		
	Michael Dale Rogers  Mark Allen Rogers		
	Lyle Vance Rogers		
	John Cochran		
	John Country		
	Steven D. Cochran		

KEYSTONE CONSULTANTS, LLC

STATE COUNTY PERMIT

SURFACE OWNER

PAGE 4 OF 6

ESSOR Long	
Nan Long Ivan Wendel	
Sary Eugene C	riner
eremi Lyn Cris	
haron Lee Cri	
inda Lou Crin	
onathon L Cri	
Gregory M. Sm	PAGE 1
Swendolyn S.	
Catherine A. N	
ohn W. Casto	Idi K
	attrill
Charles Larry C Cindy K. White	
Cathleen Shull	
ois A. Arcuri	LL CONTRACTOR OF THE CONTRACTO
Cenneth Clinto	on Cottrill
Colin D. Godda	
Robert C. God	
Bonnie C. Pers	
Addie Marie L	
ames A. Cottr	
William C. Mo	
Mary Lou Daw	
Rella M. Daws	
Glenn H. Mont	
ohn C. Montg	
Barbara Kay M	
Benjaimen Jac	
Richard P. Crin	
	en Montgomery
Tricia Lynn Ho	
effrey David I	
cott Eric Mon	
kylar Ora Mo	
Kendra K. Wyk	e
Robert W. Per	nell
Marilyn K. Per	nell
Sandra L. Shire	Y
Kimberly Ann	Barnes
Michael A. Bar	nes
Randy Lee Bar	nes
Karen Sue Kin	der
herry Barker	
Harry Griffith	
Larry Griffith	
Lisa Meeks	
Connie Metz	
oseph Smith	
Richard Walto	n and Barbara R. Walton
Sarah L. Albrig	ht
Medley Brand	
Sarah Bolling	
Antero Minera	als LLC
The state of the s	yl Cowgar, aka Sheryl Clydette Cowgar
Kathleen Ann	
Partial and Designation of Designation of	ney and Wanda R. McKinney, H/W
inda McKinne	
Ella Ruth Walt	
Deward White	
velyn Jean W	
ames L Hitt	
CONTROL OF THE PARTY OF	eth Roberts, Sole Successor Trustee of the Pursglove
	lated 2/7/2000
ames Vincent	pton, fka, Cheryl A. Snyder
	27-417-
Diana Louise P	
	fka Beverly D. Merali and Ian Roy, W/H
	s, aka Debbie Summers
	d Carla D. Parks H/W
Sandra Law	
Sonja Putnam	
Peggy Johnson	
Stephen M. Hi	ey
saac Criner	
had W. Johns	30 201
ames W. Ebbs	
Carole Hanlon	

12/17/2021



API WELL NO

47

095

- 62772

STATE

COUNTY

PERMIT

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CHINE ACE CHINES	PAGE 5 OF 6	PIN
SURFACE OWNER		Pile
	Michael Dean Walton	
	Anita Jane Spadafora Alice M. Bull	
	Gary Lee Walton	
	Annette Jill Walton aka Annette Jill Naylon	
	Jack Arnold Walton	
	Leonard Francis Cooke Jr.	
	Susan Lee Burns fka Susan Lee Baer	
	James F. Baer	
	Gregory M. Barnes	
	Jake Brandl, aka James J. Brandl	
	Angela Jean Garrison, fka Angela Jean Fittrow	-
	Alisa Lynn Profaci	_
	William Appleton	-
	Arlena Appleton	-
	Jared Appleton	1-4-6
17 Lonnie C James	Mrs. Sylvia Wulfert, Ruby Hunt, Mr. Lynn Wulfert	1-4-6
	U. G. Summers Estate: William G. Summers and Kathryn Summers,	
	H/W, Hector Keith Summers, Pauline Summers, Kathleen Clara	
	Summers	-
	U. G. Summers Estate: William G. Summers and Kathryn Summers,	
	H/W, Hector Keith Summers, Pauline Summers, Kathleen Clara	
	Summers	-
	Lorena G. Hammer	-
	Ardenna Kay Rienstra	
	EIGG Land Limited	
	Robert Swearingen	-
	Sandra Swearingen	
	Charles W. Hendrickson and Elizabeth Hendrickson Terry L. Snider	
		-
	Martha Ann Hanes	
	Mary Garland Hanes Nicholas Osborne Hanes	
	Barbara G. Clark	
	Donald Reynolds, aka Donald R. Reynolds	
	Ronald Glenn Hurst	
	James Lee Hurst, Sr.	
	Pamela Sue Summers	
	Kathy Mae Fenstermaker	7
	David Leroy Gray	
	David Charles Hurst Westlake Energy Partners, LLC	-
	Cynthia Gray	
	Linda Sue Oxendine	_
	Tina Hurst	
	Kitty Ann Sams	
	Catherine L. Snider	
	Barbara L. Wilson	
	Aunix Acquisition Fund, LLC	
	Harold Wayne Hurst, aka H. Wayne Hurst	
	Rodney Gale Smith	
	Sandra S. DiGiacobbe fka Sandra S. Hurst and Ronald D. DiGiacobbe, W/H	
	Angela Fay Miller	
	Rebecca Ann Goff	
	Stephen Duane Jackson	
	Jeffery Allen Hurst	
	Richard Duane Hurst	
	Ed Broome, Inc.	
	Gwendalyn Rae Swartzfager fka Gwendalyn Rae Rose	0
	Mark Allen Jackson and Andrea Jackson, H/W	
	Jennifer Lee Harris	
	Jack Lee Smith and Cyndi Smith, H/W	
	Norman L. Jackson	
	Annette N. Davis and David A. Davis	
	Ruth Ann Nicholson	
	Maria Alexandrovna Stihary aka Maria Alexandrovna Standafer	
	Warren Scott Standafer Testamentary Trust	
	Michael Keith Gearhart	
	Brian Philip Gearhart	
	Joseph Edward Gearhart	_
	AND THE RESIDENCE OF THE PARTY	
	Jason Alan Gearhart	
	Melanie Faith Gearhart	
	Melanie Faith Gearhart Donald Wayne Hurst, Jr.	
	Melanie Faith Gearhart  Donald Wayne Hurst, Jr.  Vicki Dean aka Vicki Darlene Kriner	
	Melanie Faith Gearhart Donald Wayne Hurst, Jr. Vicki Dean aka Vicki Darlene Kriner Glenn Richard Gray	
	Melanie Faith Gearhart Donald Wayne Hurst, Jr. Vicki Dean aka Vicki Darlene Kriner Glenn Richard Gray Bruce Patrick Smith	
	Melanie Faith Gearhart Donald Wayne Hurst, Jr. Vicki Dean aka Vicki Darlene Kriner Glenn Richard Gray	

2/17/2021



API WELL NO

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095 - **02172**COUNTY PERMIT

STATE

	SURFACE OWNER	LESSOR	PIN	
131	Carlie James	Arnold Lyle Stuart	1-4-7.1	
	Katherine Foster Leggett			
		Jeffrey S. Anderson		
		Eric T. Anderson	4	
		Brenda J. Fulton		
		Timothy C. Philips		
		Freda B. Jones	-	
		Lorelei L. Phillips	-	
		Carolyn S. Gaston	4	
		Randall R. Leggett		
		Elizabeth A. Guido		
		Bernard K. Leggett		
		Eleanor F. DeLawder	-	
		Janice K. Snider	-	
		S.J.J. Leggett Family LLC		
		Jennifer L. Powers		
		Beverlee A. Grose		
		Kimberly K. Davis	4	
		Zadok M. Leggett		
		Kelleigh D. Beverlin		
132A (	Carlie & Karen M James	Ila M. Powell, Dennis H. Powell and Mellie M. Powell, H/W	1-4-7	
		Jerry L. Davis	-	
		Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Thelma		
	McCullough and Corbett McCullough her husband			
	Helen P. Buff	-		
	Lula L. Backus	-		
	Clyde M. Shinn			
	Mary Lee Scalf and Robert P. Scalf	-		
	Betty Jean Dinella and John Dinella, W/H			
	Roy R. Shinn and Evelyn Shinn, H/W			
		Clarence W. Mutschelknaus and Mary F. Mutschelknaus, H/W		
	Carlie James and Karen M. James, JTROS			
		Sue Ann Gillies		
132B	Carlie & Karen M James	IIa M. Powell, Dennis H. Powell and Mellie M. Powell, H/W	1-4-7	
and leading a second	Jerry L. Davis	-		
	Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Thelma			
		McCullough and Corbett McCullough her husband		
	Helen P. Buff			
	Lula L. Backus			
	Clyde M. Shinn			
	Mary Lee Scalf and Robert P. Scalf			
		Betty Jean Dinella and John Dinella, W/H		
	Roy R. Shinn and Evelyn Shinn, H/W			
	Clarence W. Mutschelknaus and Mary F. Mutschelknaus, H/W			
	Carlie James and Karen M. James, JTROS			
		Sue Ann Gillies		
		The West Virginia Department of Transportation, Division of		
		Highways		
1220	Carlie & Karen M James	IIa M. Powell, Dennis H. Powell and Mellie M. Powell, H/W	1-4-7	
132C	Carrie & Karen Maames	Jerry L. Davis		
		Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Thelma	7	
	McCullough and Corbett McCullough her husband			
	Helen P. Buff			
	Lula L. Backus			
	Clyde M. Shinn			
	Mary Lee Scalf and Robert P. Scalf  Betty Jean Dinella and John Dinella, W/H			
		Roy R. Shinn and Evelyn Shinn, H/W Clarence W. Mutschelknaus and Mary F. Mutschelknaus, H/W		
	Carlie James and Karen M. James, JTROS			
	I	Sue Ann Gillies	1-4-7	
132D Carlie & Karen M James	Ila M. Powell, Dennis H. Powell and Mellie M. Powell, H/W	1-4-7		
		Jerry L. Davis		
	Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Thelma			
	McCullough and Corbett McCullough her husband			
	Helen P. Buff			
	Lula L. Backus	10/47	12024	
	Clyde M. Shinn	_ 12/17	12021	
	Mary Lee Scalf and Robert P. Scalf	-		
	Betty Jean Dinella and John Dinella, W/H			
	Roy R. Shinn and Evelyn Shinn, H/W	-		
	Clarence W. Mutschelknaus and Mary F. Mutschelknaus, H/W			
	Carlie James and Karen M. James, JTROS			
		Sue Ann Gillies		

KEYSTONE CONSULTANTS, LLC

47 - 095 - 02772

STATE

COUNTY

PERMIT

WW-6A1 (5/13)

Operator's Well No.	SHR37OHSM
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### INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or				
Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page

See attached

Office of Oil and Gas

WV Department of Environmental Protection

### Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: CNX GAS COMPANY LLC

By: Sarah Weigand

Its: Manager Upstream Permitting

Page 1 of

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		Attachment -	Form WW-6A-1 for SKR37OHSM			
	<del> </del>					ļ
	Tay Men	Title Opinion				<del> </del>
[mctiD	& Parcel	QLS#	Grantor, Lessor, etc	Grantee, Lossee, etc	Royalty	Book/Page
1	1-17, P/O		Nancy P. McLain and Ralph E. McLain	Sefco Enterprises, Inc.	Not less than 1/8	267/82
	Parcel 5		Pursie E. Pipes and Norma J. Pipes	Sefco Enterprises, Inc.	Not less than 1/8	267/88
				Sefco Enterprises, Inc.	Not less than 1/8	267/86
			Georgia P. Snyder	Sefco Enterprises, Inc.	Not less than 1/8	267/84
			Agnes Godwin a/k/a Georgia Agnes Godwin	Sefco Enterprises, Inc.	Not less than 1/8 Not less than 1/8	267/80 267/78
			Luells I. McConnell Clella Boice	Sefco Enterprises, Inc. Sefco Enterprises, Inc.	Not less than 1/8	267/76
-			Eleenor V. Earnheart and Dean A. Earnhart	Sefco Enterprises, Inc.	Not less than 1/8	267/74
			Dorothy Belle Wells and Byron Wells	Sefco Enterprises, Inc.	Not less than 1/8	267/90
			Myrna Morgan and David Morgan	Sefco Enterprises, Inc.	Not less than 1/8	267/640
			Sefco Enterprises, Inc.	Eastern American Energy Corporation	Assignment	285/650
			Eastern American Energy Corporation	Seneca-Upshur Petroleum, Inc.	Assignment	354/757 381/540
			Seneca-Upshur Petroleum, Inc.	Seneca-Upshur Petroleum, LLC Antero Resources Appalachian Corporation	Assignment Assignment	381/540 402/132
			Seneca-Upshur Petroleum, U.C Antero Resources Appalachian Corporation	Antero Resources Appaiachian Corporation Antero Resources Corporation	Name Change	WVSOS
		<del></del>				425/701
)			Antero Resources Corporation	CNX Gas Company LLC and Noble Energy, Inc.	Assignment	427/564
			Noble Energy, Inc.	CNX Gas Company LLC	Assignment	550/273
ract ID	Tax Map	Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
	& Parcel	QLS#				
2	1-17-6	266300000	Eleanor V. Earnheart and Dean A. Earnheart, her husband	Sefco Enterprises, Inc.	Not less than 1/8	267/74 267/76
			Clella Boice, widow Luella I. McConnell, widow	Sefco Enterprises, Inc. Sefco Enterprises, Inc.	Not less than 1/8 Not less than 1/8	267/78
			Agnes Godwin, widow	Sefco Enterprises, Inc.	Not less than 1/8	267/80
			Nancy P. McClain and Raiph E. McClain, wife and husband	Sefco Enterprises, Inc.	Not less than 1/8	267/82
			Georgia P. Smyder, divorced	Sefco Enterprises, Inc.	Not less than 1/8	267/84
			Bradle Pipes and Goldle Pipes, his wife	Sefco Enterprises, Inc.	Not less than 1/8	257/86
			Pursle Pipes and Norma J. Pipes, husband and wife	Sefco Enterprises, Inc.	Not less than 1/8	267/88
	ļ	<u></u>	Dorothy Belle Wells and Byron Wells, her husband	Sefco Enterprises, Inc.	Not less than 1/8 Not less than 1/8	267/90 267/581
	<del> </del> -	ļ	Wanda Weekley, widow Myrna Morgan and David Morgan, her husband	Sefco Enterprises, Inc. Sefco Enterprises, Inc.	Not less than 1/8	267/540
			Sefco Enterprises, Inc.	Eastern American Energy Corporation	Assignment	285/650
	<del></del>		Eastern American Energy Corporation	Seneca-Upshur Petroleum, Inc.	Assignment	354/757
		<u> </u>	Seneca-Upshur Petroleum, Inc.	Seneca-Upshur Petroleum, LLC	Assignment	381/540
			Seneca-Upshur Petroleum, LLC	Antero Resources Appalachian Corporation	Assignment	402/132
			Antero Resources Appalachian Corporation	Antero Resources Corporation	Name Change	wvsos
	-		Antero Resources Corporation	CNX Gas Company, LLC & Noble Energy Inc.	Assignment	425/701
	<del> </del>		Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	427/564 550/273
			Revs D. Rowland, a/k/a Reva Rowland and Ronald Royce Rowland	CNX Gas Company, LLC	Not less than 1/8	661/312
	Tau Man	Title Opinion				
fract ID.	& Percei	QLS#	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
3A	N/A	N/A	West Virginia Division of Natural Resources	Antero Resources Corporation	Not less than 1/8	553/295
			Antero Resources Corporation	CNX Gas Company LLC	Assignment	629/658
	L	1				
		<b> </b>				
		Title Opinion	Grantor, Lessor, etc	Grantee, Lossee, etc	Doubles	Rook/Page
ract ID	8 Parcel	QLS#	Grands, tessor, etc		Royalty Not less than 1/8	Book/Page
	8 Parcel 1-17,		A.E. Doak and Callie Doak	Grantee, Lossen, etc	Royalty Not less than 1/8	Book/Page 71/174
ract ID	8 Parcel	QLS#	A.E. Doak and Callio Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer,			
ract ID	8 Parcel 1-17,	QLS#	A.E. Doak and Callie Doak			71/174
ract (D	8 Parcel 1-17,	QLS#	A.E. Doak and Callia Doak  A.E. Doak and Callia Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company	Not less than 1/8  Assignment Assignment	71/174 80/346 80/338
ract ID	8 Parcel 1-17,	QLS#	A.E. Doak and Callie Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company	Not less than 1/8  Assignment Assignment Assignment	71/174 80/346 80/338 94/61
ract ID	8 Parcel 1-17,	QLS#	A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepbum  Eastern Petroleum Company  Clifton Oil & Gas Company	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Quaker State Oil Refining Corporation	Not less then 1/8  Assignment Assignment Assignment Assignment	71/174 80/346 80/338 94/61 270/111
ract ID	8 Parcel 1-17,	QLS#	A.E. Doak and Callie Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer,  partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Clusker State Oil Refining Corporation	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Quaker State Oil Refining Corporation  Quaker State Corporation	Not less then 1/8  Assignment Assignment Assignment Assignment Assignment Name Change	71/174 80/346 80/338 94/61
ract ID	8 Parcel 1-17,	QLS#	A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepbum  Eastern Petroleum Company  Clifton Oil & Gas Company	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Quaker State Oil Refining Corporation	Not less then 1/8  Assignment Assignment Assignment Assignment	71/174 80/346 80/338 94/61 270/111 WV505 311/584 321/340
ract (D	8 Parcel 1-17,	QLS#	A.E. Doak and Callie Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Quaker State Oil Refining Corporation  Quaker State Corporation	J. E. Trainer  W. W. Mepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Quaker State Oil Refining Corporation  Quaker State Corporation  Belden & Blake Corporation	Assignment Assignment Assignment Assignment Assignment Assignment Name Change Assignment Assignment Assignment	71/174 80/346 80/338 94/61 270/111 WVSOS 311/584 321/340 8/702
ract (D	8 Parcel 1-17,	QLS#	A.E. Doak and Callie Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Quaker State Oil Refining Corporation  Quaker State Corporation  Belden & Blake Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company Clifton Oil & Gas Company Quaker State Oil Reflining Corporation Quaker State Corporation Belden & Blake Corporation Peake Energy, Inc. North Coast Energy Eastern, Inc. EXCO-North Coast Energy Eastern, Inc.	Assignment Assignment Assignment Assignment Assignment Assignment Assignment Name Change Assignment Assignment Assignment Name Change Name Change	71/174  80/346 80/338 94/61 270/111 WVSOS 311/544 321/340 8/702 9/80
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ract (D	8 Parcel 1-17,	QLS#	A.E. Doak and Callie Doak  J.E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Quaker State Oil Refining Corporation  Quaker State Corporation  Belden & Bizake Corporation  Belden & Bizake Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO Resources (WV)  EXCO Resources (WV), ILC.  EXCO Resources (WV), ILC.  EXCO Resources (WV), LLC	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company Clifton Oil & Gas Company Clifton Oil & Gas Company Clusker State Oil Refining Corporation  Quaker State Corporation  Belden & Blake Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO Resources (WV).  EXCO Resources (WV), LLC, BG Production Company (WV), LLC, and EXCO Resources (PA), LLC  EXCO Production Company (WV), LLC  Antero Resources Appalachian Corporation	Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Name Change Assignment Name Change Assignment Assignment	80/346 80/338 94/61 270/111 WXSOS 311/584 321/340 8/702 9/80 WXSOS WXSOS
rest ID.	8 Parcel 1-17, Parcel 4	QUS# 266301000	A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Quaker State Oil Refining Corporation  Quaker State Corporation  Belden & Bizake Corporation  Belden & Bizake Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO Resources (WV)  EXCO Resources (WV), LLC  EXCO Resources (WV), LLC  EXCO Resources (WV), LLC  EXCO Resources (PV), LLC  Antero Resources (PV), LLC  Antero Resources (PV), LLC  Antero Resources Corporation  Noble Energy, Inc.	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company Clifton Oil & Gas Company Clifton Oil & Gas Company Claker State Oil Refining Corporation  Belden & Blake Corporation  Belden & Blake Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO Resources (WY)  EXCO Resources (WY), LLC  EXCO Resources (WY), LLC  EXCO Resources (PA), LLC  EXCO Production Company (WY), LLC  Antero Resources Appalachian Corporation  Antero Resources Appalachian Corporation  Antero Resources Corporation  CNIX Gas Company LLC and Noble Energy, Inc.  CNIX Gas Company LLC	Assignment Name Change Name Change Name Change Assignment Assignment Assignment Assignment Name Change Assignment Assignment Assignment Assignment Assignment	80/346 80/338 94/61 270/111 WVSO5 311/584 321/340 8/702 9/80 WVSO5 WVSO5 WVSO5 406/195 WVSOS
Paragraphic Paragr	B Parcel 1-17, Parcel 4  Tan Map & Parcel 4	QLS # 256301000  Title Opinion QLS #	A.E. Doak and Calile Doak  A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Quaker State Origoration  Quaker State Corporation  Belden & Bizke Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO Resources (WV)  EXCO Resources (WV), Inc.  EXCO Resources (WV), LLC  EXCO Production Company (WV), LLC, BG Production Company (WV), LLC and EXCO Resources (PV), LLC  Antero Resources (PV), LLC  Antero Resources (PV), LLC  Antero Resources (PV), LLC  Antero Resources (PV), LLC  Grantor, Lessor, etc  Grantor, Lessor, etc	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company Clifton Oil & Gas Company Clifton Oil & Gas Company Clifton Oil & Gas Company Claker State Corporation Belden & Blake Corporation Belden & Blake Corporation Peake Energy, Inc. North Coast Energy Eastern, Inc. EXCO-North Coast Energy Eastern, Inc. EXCO-North Coast Energy Eastern, Inc. EXCO Resources (WY), LLC EXCO Resources (WY), LLC EXCO Resources (WY), LLC EXCO Resources (PA), LLC EXCO Production Company (WY), LLC Antero Resources Appalachian Corporation Antero Resources Corporation CNIX Gas Company LLC and Noble Energy, Inc. CNIX Gas Company LLC  Grantes, Lossee, etc	Assignment Name Change Name Change Assignment Name Change Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment	71/174  80/346 80/338 94/61 270/111 WVSOS 311/584 321/340 8/702 9/80 WVSOS WVSOS WVSOS 406/195 WVSOS 433/7 SSO/273
rest ID.	B Parcel 1-17, Parcel 4  Ign Map 8 Parcel 1-17, Parcel 4	QUS# 266301000	A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Quaker State Oil Refining Corporation  Quaker State Corporation  Belden & Bizake Corporation  Belden & Bizake Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO Resources (WV)  EXCO Resources (WV), LLC  EXCO Resources (WV), LLC  EXCO Resources (WV), LLC  EXCO Resources (PV), LLC  Antero Resources (PV), LLC  Antero Resources (PV), LLC  Antero Resources Corporation  Noble Energy, Inc.	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company Clifton Oil & Gas Company Clifton Oil & Gas Company Claker State Oil Refining Corporation  Belden & Blake Corporation  Belden & Blake Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO Resources (WY)  EXCO Resources (WY), LLC  EXCO Resources (WY), LLC  EXCO Resources (PA), LLC  EXCO Production Company (WY), LLC  Antero Resources Appalachian Corporation  Antero Resources Appalachian Corporation  Antero Resources Corporation  CNIX Gas Company LLC and Noble Energy, Inc.  CNIX Gas Company LLC	Assignment Name Change Name Change Assignment Name Change Assignment Name Change Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment	71/174  80/346 80/338 94/61 270/111 WXSOS 311/584 321/340 8/702 9/80 WXSOS WXSOS WXSOS WXSOS 406/195 WXSOS 433/7 SSO/273
Paragraphic Paragr	B Parcel 1-17, Parcel 4  Inn Map B Parcel 1-17, Parcel 1-17, Parcel 2-17, Parcel 3-17, Parcel 3-17,	QLS # 256301000  Title Opinion QLS #	A.E. Doak and Calile Doak  A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Quaker State Origoration  Quaker State Corporation  Belden & Bizke Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO Resources (WV)  EXCO Resources (WV), Inc.  EXCO Resources (WV), LLC  EXCO Production Company (WV), LLC, BG Production Company (WV), LLC and EXCO Resources (PV), LLC  Antero Resources (PV), LLC  Antero Resources (PV), LLC  Antero Resources (PV), LLC  Antero Resources (PV), LLC  Grantor, Lessor, etc  Grantor, Lessor, etc	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company Clifton Oil & Gas Company Clifton Oil & Gas Company Clifton Oil & Gas Company Claker State Corporation Belden & Blake Corporation Belden & Blake Corporation Peake Energy, Inc. North Coast Energy Eastern, Inc. EXCO-North Coast Energy Eastern, Inc. EXCO-North Coast Energy Eastern, Inc. EXCO Resources (WY), LLC EXCO Resources (WY), LLC EXCO Resources (WY), LLC EXCO Resources (PA), LLC EXCO Production Company (WY), LLC Antero Resources Appalachian Corporation Antero Resources Corporation CNIX Gas Company LLC and Noble Energy, Inc. CNIX Gas Company LLC  Grantes, Lossee, etc	Assignment Name Change Name Change Assignment Name Change Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment	71/174  80/346 80/338 94/61 270/111 WVSOS 311/584 321/340 8/702 9/80 WVSOS WVSOS WVSOS 406/195 WVSOS 433/7 SSO/273
Paragraphic Paragr	B Parcel 1-17, Parcel 4  Ign Map 8 Parcel 1-17, Parcel 4	QLS # 256301000  Title Opinion QLS #	A.E. Doak and Calile Doak  A.E. Doak and Calile Doak  A.E. Doak and Calile Doak  A.E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Quaker State Oil Refining Corporation  Quaker State Corporation  Belden & Bizake Corporation  Belden & Bizake Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO Resources (WV)  EXCO Resources (WV), LLC  EXCO Resources (WV), LLC  EXCO Resources (WV), LLC  Antero Resources Applachian Corporation  Noble Energy, Inc.  Grantor, Lessor, etc  A.E. Doak and Calile Doak	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company Clifton Oil & Gas Company Clifton Oil & Gas Company Clifton Oil & Gas Company Claker State Corporation Belden & Blake Corporation Belden & Blake Corporation Peake Energy, Inc. North Coast Energy Eastern, Inc. EXCO-North Coast Energy Eastern, Inc. EXCO-North Coast Energy Eastern, Inc. EXCO Resources (WV), LLC EXCO Resources (WV), LLC EXCO Resources (WV), LLC EXCO Production Company (WV), LLC EXCO Production Company (WV), LLC Antero Resources Appalachian Corporation Antero Resources Appalachian Corporation CNIX Gas Company LLC Grantes, Lossee, etc J. E. Trainer	Assignment Name Change Name Change Name Change Assignment Name Change Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment	71/174  80/346 80/338 94/61 270/111 WVSOS 311/544 321/340 8/702 9/80 WVSOS WVSOS  406/195 WVSOS 406/195 WVSOS 433/7 SSO/273
Paragraphic Paragr	B Parcel 1-17, Parcel 4  Inn Map B Parcel 1-17, Parcel 1-17, Parcel 2-17, Parcel 3-17, Parcel 3-17,	QLS # 256301000  Title Opinion QLS #	A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Quaker State Oil Refining Corporation  Quaker State Corporation  Belden & Blake Corporation  Belden & Blake Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO Resources (WV)  EXCO Resources (WV), Inc.  EXCO Resources (WV), LLC  EXCO Production Company (WV), LLC, BG Production Company (WV), LLC Antero Resources (PA), LLC  Antero Resources Appalachian Corporation  Antero Resources Corporation  Noble Energy, Inc.  Grantor, Lessor, etc  A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company	J. E. Trainer  W. W. Mepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Clifton Oil & Gas Company  Clusker State Oil Refining Corporation  Quaker State Oil Refining Corporation  Bekden & Blake Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO Resources (WV)  EXCO Resources (WV), LLC, BG Production  Company (WV), LLC, and EXCO Resources (PA),  LLC  EXCO Production Company (WV), LLC  Antero Resources Appalachian Corporation  Antero Resources Corporation  CNX Gas Company LLC and Noble Energy, Inc.  CNX Gas Company LLC  Grantes, Lossee, etc  J. E. Trainer	Assignment Name Change Name Change Name Change Assignment Assignment Name Change Assignment	71/174  80/346 80/338 94/61 270/111 WVSOS 311/584 321/340 8/702 9/80 WVSOS WVSOS 374/808 WVSOS 406/195 WVSOS 433/7 550/273  Book/Pngs 71/174
Paragraphic Paragr	B Parcel 1-17, Parcel 4  Inn Map B Parcel 1-17, Parcel 1-17, Parcel 2-17, Parcel 3-17, Parcel 3-17, Parcel 3-17,	QLS # 256301000  Title Opinion QLS #	A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Quaker State Oil Refining Corporation  Quaker State Corporation  Belden & Blake Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO Resources (WV),  EXCO Resources (WV), Inc.  EXCO Resources (WV), LLC  EXCO Production Company (WV), LLC, BG Production Company (WV), LLC  Antero Resources Appalachian Corporation  Antero Resources Corporation  Noble Energy, Inc.  Grantor, Lessor, etc.  A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer,	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company Clifton Oil & Gas Company Clifton Oil & Gas Company Clifton Oil & Gas Company Claker State Corporation Belden & Blake Corporation Belden & Blake Corporation Peake Energy, Inc. North Coast Energy Eastern, Inc. EXCO-North Coast Energy Eastern, Inc. EXCO-North Coast Energy Eastern, Inc. EXCO Resources (WV), LLC EXCO Resources (WV), LLC EXCO Resources (WV), LLC EXCO Production Company (WV), LLC EXCO Production Company (WV), LLC Antero Resources Appalachian Corporation Antero Resources Appalachian Corporation CNIX Gas Company LLC Grantes, Lossee, etc J. E. Trainer	Assignment Name Change Name Change Name Change Assignment Name Change Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment	71/174  80/346 80/338 94/61 270/111 WVSOS 311/544 321/340 8/702 9/80 WVSOS WVSOS  406/195 WVSOS 433/7 SSO/273
Paragraphic Paragr	B Parcel 1-17, Parcel 4  Inn Map B Parcel 1-17, Parcel 1-17, Parcel 2-17, Parcel 3-17, Parcel 3-17, Parcel 3-17,	QLS # 256301000  Title Opinion QLS #	A.E. Doak and Calile Doak  A.E. Doak and Calile Doak  A.E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Clusker State Oil Refining Corporation  Quaker State Oil Refining Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO North Coast Energy Eastern, Inc.  EXCO Resources (WV),  EXCO Resources (WV), Inc.  EXCO Resources (WV), LLC  EXCO Resources (WV), LLC  EXCO Resources (PA), LLC  Antero Resources (PA), LLC  Antero Resources Corporation  Noble Energy, Inc.  Grantor, Lessor, etc  A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company Clifton Oil & Gas Company Cluser State Oil Refining Corporation  Quaker State Oil Refining Corporation  Belden & Blake Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO Resources (WV), LLC  EXCO Resources (WV), LLC  EXCO Resources (WV), LLC  EXCO Resources (WV), LLC  EXCO Production Company (WV), LLC  Antero Resources Appalachian Corporation  Antero Resources Appalachian Corporation  Antero Resources Corporation  CNX Gas Company LLC  Grantes, Losses, etc  J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company	Assignment Name Change Name Change Name Change Assignment Assignment Name Change Assignment	71/174  80/346  80/338  94/61  270/111  WVSOS  311/584  321/349  8/702  9/80  WVSOS  WVSOS  406/195  WVSOS  406/195  WSOS  406/195  80/326  80/338  94/61  270/111
92A 92A	B Parcel 1-17, Parcel 4  Inn Map B Parcel 1-17, Parcel 1-17, Parcel 2-17, Parcel 3-17, Parcel 3-17, Parcel 3-17,	QLS # 256301000  Title Opinion QLS #	A.E. Doak and Calile Doak  A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Clusker State Oil Refining Corporation  Quaker State Oil Refining Corporation  Belden & Blake Corporation  Belden & Blake Corporation  Belden & Blake Corporation  EXCO North Coast Energy Eastern, Inc.  EXCO North Coast Energy Eastern, Inc.  EXCO Resources (WV), Inc.  EXCO Resources (WV), LC  EXCO Resources (WV), LC  EXCO Resources (PA), LLC  Antero Resources Appalachian Corporation  Noble Energy, Inc.  Grantor, Lessor, etc  A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clitton Oil & Gas Company  Cuaker State Oil Refining Corporation  Cluster State Oil Refining Corporation	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company Clifton Oil & Gas Company Clusker State Oil Refining Corporation  Quaker State Oil Refining Corporation  Belden & Blake Corporation  Belden & Blake Corporation  Peake Energy [nc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO Resources (WV), LLC  EXCO Resources (WV), LLC  EXCO Resources (WV), LLC  EXCO Resources (WV), LLC  EXCO Production Company (WV), LLC  Antero Resources Appalachian Corporation  Antero Resources Appalachian Corporation  Antero Resources Corporation  CNX Gas Company LLC  Grantes, Lossee, etc  J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company Clifton Oil & Gas Company Clifton Oil & Gil Refining Corporation  Cuaker State Oil Refining Corporation	Assignment Name Change Name Change Name Change Assignment Name Change Assignment Name Change Assignment	71/174  80/346 80/338 94/61 270/111 WXSOS 311/584 321/340 8/702 9/80 WXSOS WXSOS WXSOS WXSOS 406/195 WXSOS 433/7 SSO/273  800/4/888 71/174  80/346 80/338 94/61 270/111 WXSOS
Page 10 Page 1	B Parcel 1-17, Parcel 4  Inn Map B Parcel 1-17, Parcel 1-17, Parcel 2-17, Parcel 3-17, Parcel 3-17, Parcel 3-17,	QLS # 256301000  Title Opinion QLS #	A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Quaker State Oil Refining Corporation  Quaker State Corporation  Belden & Bizke Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO Resources (WV)  EXCO Resources (WV), Inc.  EXCO Resources (WV), LLC  EXCO Production Company (WV), LLC, BG Production Company (WV), LLC and EXCO Resources (PW), LLC  Antero Resources (PW), LLC  Antero Resources (PW), LLC  Antero Resources (PW), LLC  Antero Resources Corporation  Noble Energy, Inc.  Grantor, Lessor, etc  A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Clifton Oil & Gas Company  Clusker State Oil Refining Corporation  Quaker State Oil Refining Corporation	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company Clifton Oil & Gas Company Clifton Oil & Gas Company Clifton Oil & Gas Company Claker State Coll Refining Corporation  Belden & Blake Corporation  Belden & Blake Corporation Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO. North Coast Energy Eastern, Inc.  EXCO. Resources (WY)  EXCO Resources (WY)  EXCO Resources (WY), LLC  EXCO Resources (WY), LLC  EXCO Production Company (WV), LLC  EXCO Production Company (WV), LLC  Antero Resources Appalachian Corporation Antero Resources Corporation CNN Gas Company LLC and Noble Energy, Inc.  CNN Gas Company LC and Noble Energy, Inc.  CIN Gas Company LC and Noble Energy, Inc.  Grantes Losse Energy Eastern, Inc.  Excorporation Company  Cuaker State Corporation  Belden & Blake Corporation  Belden & Blake Corporation	Assignment Assignment Assignment Assignment Assignment Assignment Assignment Name Change Assignment Name Change Assignment Name Change Assignment Name Change Assignment	71/174  80/346 80/338 94/61 270/111 WVSOS 311/544 321/340 8/702 9/80 WVSOS WVSOS  406/195 WVSOS 433/7 550/273  80/346 80/338 94/61 270/111 WVSOS 311/544
Fract ID. 92A	B Parcel 1-17, Parcel 4  Inn Map B Parcel 1-17, Parcel 1-17, Parcel 2-17, Parcel 3-17, Parcel 3-17, Parcel 3-17,	QLS # 256301000  Title Opinion QLS #	A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Quaker State Oil Refining Corporation  Quaker State Corporation  Belden & Blake Corporation  Belden & Blake Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO-Resources (WV),  EXCO Resources (WV), Inc.  EXCO Resources (WV), Inc.  EXCO Resources (WV), LLC  EXCO Production Company (WV), LLC, BG Production Company (WV), LLC  Antero Resources Appalachian Corporation  Antero Resources Appalachian Corporation  Noble Energy, Inc.  Grantor, Lessor, etc  A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clutker State Corporation  Quaker State Corporation  Belden & Blake Corporation  Belden & Blake Corporation  Belden & Blake Corporation	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Clifton Oil & Gas Company  Clusker State Oil Refining Corporation  Quaker State Oil Refining Corporation  Belden & Blake Corporation  Belden & Blake Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO Resources (WV)  EXCO Resources (WV), LLC, BG Production  Company (WV), LLC, and EXCO Resources (PA),  LLC  EXCO Production Company (WV), LLC  Antero Resources Appalachian Corporation  Antero Resources Appalachian Corporation  CNX Gas Company LLC and Noble Energy, Inc.  CNX Gas Company LLC and Noble Energy, Inc.  CNX Gas Company LLC  Grantes, Lossee, etc  J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Clifton Oil & Gas Company  Clifton Oil & Gas Company  Clusker State Oil Refining Corporation  Quaker State Corporation  Belden & Blake Corporation  Peake Energy, Inc.	Assignment Name Change Name Change Name Change Assignment Assignment Name Change Assignment	80/346 80/348 80/348 94/61 270/111 WVSOS 311/584 321/340 8/702 9/80 WVSOS WVSOS  374/808 WVSOS 406/195 WVSOS 406/195 WVSOS 433/7 SSO/273  Book/Page 71/174  80/346 80/338 94/61 270/111 WVSOS 311/584 322/340
Fract ID.  92A	B Parcel 1-17, Parcel 4  Inn Map B Parcel 1-17, Parcel 1-17, Parcel 2-17, Parcel 3-17, Parcel 3-17, Parcel 3-17,	QLS # 256301000  Title Opinion QLS #	A.E. Doak and Calile Doak  A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Quaker State Oil Refining Corporation  Quaker State Oil Refining Corporation  Belden & Blake Corporation  Belden & Blake Corporation  Belden & Blake Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO North Coast Energy Eastern, Inc.  EXCO Resources (WV), LC  EXCO Resources (WV), LC  EXCO Resources (WV), LC  EXCO Resources (PA), LLC  Antero Resources Appalachian Corporation  Noble Energy, Inc.  Grantor, Lessor, etc  A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Cuaker State Oil Refining Corporation  Quaker State Oil Refining Corporation  Quaker State Oil Refining Corporation  Belden & Blake Corporation  Belden & Blake Corporation	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company Clifton Oil & Gas Company Clusker State Oil Refining Corporation  Belden & Blake Corporation  Belden & Blake Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO Resources (WV), LLC  EXCO Resources (WV), LLC  EXCO Resources (WV), LLC  EXCO Resources (WV), LLC  EXCO Production Company (WV), LLC  Antero Resources Appalachian Corporation  Antero Resources Appalachian Corporation  CNX Gas Company LLC  Grantes, Lossee, etc  J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company Clifton Oil & Gas Compa	Assignment Name Change Name Change Name Change Assignment Name Change Assignment Assignment Name Change Assignment Name Change	80/346 80/338 94/61 270/111 WXSOS 311/584 321/340 8/702 9/80 WXSOS WXSOS WXSOS WXSOS  406/195 WXSOS 406/195 WXSOS 433/7 SSO/273  800k/Page 71/174  80/346 80/338 94/61 270/111 WXSOS 311/584 321/340 8/702
Fract ID.  92A	B Parcel 1-17, Parcel 4  Inn Map B Parcel 1-17, Parcel 1-17, Parcel 2-17, Parcel 3-17, Parcel 3-17, Parcel 3-17,	QLS # 256301000  Title Opinion QLS #	A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Quaker State Oil Refining Corporation  Quaker State Corporation  Belden & Blake Corporation  Belden & Blake Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO-Resources (WV),  EXCO Resources (WV), Inc.  EXCO Resources (WV), Inc.  EXCO Resources (WV), LLC  EXCO Production Company (WV), LLC, BG Production Company (WV), LLC  Antero Resources Appalachian Corporation  Antero Resources Appalachian Corporation  Noble Energy, Inc.  Grantor, Lessor, etc  A.E. Doak and Calile Doak  J. E. Trainer and Tressle May Trainer, George H. Trainer and J. E. Trainer, partners trading under the firm name and style of Sun Gas Company  W. W. Hepburn  Eastern Petroleum Company  Clutker State Corporation  Quaker State Corporation  Belden & Blake Corporation  Belden & Blake Corporation  Belden & Blake Corporation	J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Clifton Oil & Gas Company  Clifton Oil & Gas Company  Clusker State Oil Refining Corporation  Bekden & Blake Corporation  Bekden & Blake Corporation  Peake Energy, Inc.  North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO-North Coast Energy Eastern, Inc.  EXCO Resources (WV)  EXCO Resources (WV), LLC, BG Production  Company (WV), LLC, BG Production  CNX Gas Company LLC and Noble Energy, Inc.  CNX Gas Company LLC and Noble Energy, Inc.  CNX Gas Company LLC  Grantes, Lossee, etc  J. E. Trainer  W. W. Hepburn  Eastern Petroleum Company  Clifton Oil & Gas Company  Clusker State Oil Refining Corporation  Quaker State Corporation  Belden & Blake Corporation  Peake Energy, Inc.	Assignment Name Change Name Change Name Change Assignment Assignment Name Change Assignment	80/346 80/348 80/348 94/61 270/111 WVSOS 311/584 321/340 8/702 9/80 WVSOS WVSOS  374/808 WVSOS 406/195 WVSOS 406/195 WVSOS 433/7 SSO/273  Book/Page 71/174  80/346 80/338 94/61 270/111 WVSOS 311/584 322/340

				EXCO Resources (WV), LLC, BG Production		
			EXCO Resources (WV), Inc.	Company (WV), LLC, and EXCO Resources (PA),		
				ис	Assignment	374/808
			EXCO Resources (WV), LLC	EXCO Production Company (WV), LLC	Name Change	wvsos
			EXCO Production Company (WV), LLC, BG Production Company (WV), LLC	Antero Resources Appalachian Corporation		405/205
			and EXCO Resources (PA), LLC	L	Assignment	406/195 WVSOS
			Antero Resources Appalachian Corporation Antero Resources Corporation	Antero Resources Corporation	Name Change Assignment	433/7
			Noble Energy, Inc.	CNX Gas Company LLC and Noble Energy, Inc. CNX Gas Company LLC	Assignment	550/273
			HOUSE CIRCISY, IRC.	CAX das curipany (EC	Assguarent	330/213
	Tax Man	Title Opinion				
Tract/D	& Percel	QLS#	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
97	1-17;		Pezri L. Slack	Exxon Corporation	Not less than 1/8	209/260
	1-18,		Norma Long	Exxon Corporation	Not less than 1/8	209/132
	Parcels		Exxon Corporation	Exxon Mobil Corporation	Name Change	WVSOS
	15;7		Exxon Mobil Corporation	XTO Energy Inc.	Assignment	496/126
			XTO Energy Inc.	Antero Resources Corporation	Assignment	532/239
			Antero Resources Corporation	CNX Gas Company LLC	Assignment	629/658
		Tota Calatan				<del> </del>
ract ID		Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
	8 Parcel 1-17.		Ancel Doak and Flora Doak, h/w			
938	Parcel 15	265336000	Galdie McKitrick, widow	Dorsey Duty and R. H. Duty	Not less than 1/8	150/460
				Edwin E. Cox and John A. Smith, d/b/a Ash Oil		1
			R. H. Duty, d/b/a Duty Oil Company	and Gas Company	Assignment	187/384
			John A. Smith and Edwin E. Cox, d/b/a Ash Oil and Gas Company	John A. Smith	Assignment	244/429
			John A. Smith and Edith U. Smith, h/w	John M. McKitrick and Clarence H. Wagner	Assignment	259/439
			C. H. Wagner and J. McKitrick	Appalachian Energy Development, Inc.	Assignment	363/311
			Appalachian Energy Development, Inc.	Triad Energy Corporation of West Virginia, Inc.	Assignment	329/538
			Triad Energy Corporation of West Virginia, Inc.	Viking International Resources Co., Inc., d/b/a	Assignment	
				Virco		333/230
			Viking International Resources Co., Inc.	Triad Energy Corporation	Assignment	338/164 371/605
			Triad Energy Corporation	Triad Hunter, LLC	Assignment	371/605 626/653
			Trizd Hunter, LLC	Antero Resources Corporation	Assignment Assignment	626/658
			Antero Resources Corporation	CNX Gas Company LLC	vandunien	023/036
	Tay Se	Title Opinion		<del></del>		<u> </u>
ract ID.	& Parcel	QLS#	Grantor, Lessor, etc	Grantee, Lossee, etc	Royalty	Book/Page
	1-17, P/O					
98	Parcel 11	271982000	Beverly Ann Underwood	Noble Energy, Inc.	Not less than 1/8	488/390
	78100124	<del></del>	Barbara McClain	Noble Energy, Inc.	Not less than 1/8	488/388
			Yale University	Noble Energy, Inc.	Not less than 1/8	531/136
			Noble Energy, Inc.	CNX Gas Company LLC	Assignment	521/80
		<del></del>	Noble Energy, Inc.	CNX Gas Company LLC	Assignment	550/273
			Tina Marie Vickery f/k/a Tina Marie Greenwood	CNX Gas Company LLC	Not less than 1/8	65/353
			Cheryl Denise Ismert f/k/a Cheryl Denise Cole	CNX Ges Company LLC	Not less than 1/8	73/179
			Sharl Greenwood	CNX Gas Company LLC	Not less than 1/8	68/309
			Gary Lee Greenwood	CNX Gas Company LLC	Not less than 1/8	68/314
			Randall Allen Pratt	CNX Gas Company LLC	Not less than 1/8	85/584
		L	Chad Greenwood	CNX Gas Company LLC	Not less than 1/8	60/95
			AMP Fund III, LP	CNX Gas Company LLC	Not less than 1/8	121/237
			Mary Ann Webster, Trustee of the Webster Living Trust, dated	CNX Gas Company LLC	Not less than 1/8	121/463
			December 19, 2001		HOLKES GOLLAGO	
	Tay Man	Title Opinion		i		
ract (D	& Porcel	QLS#	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
101A	1-18, P/O		Margaret C. Nied	Antero Resources Corporation	Not less than 1/8	603/744
	Percel 11		Helen C. Dahlo	Antero Resources Corporation	Not less than 1/8	601/585
			James P. Cullinan	Antero Resources Corporation	Not less than 1/8	604/606
			Mary C. Schilling Trust - 2010, by Ketth Schilling, Trustee	Antero Resources Corporation	Not less than 1/8	607/488
			Antero Resources Corporation	CNX Gas Company LLC	Assignment	629/658
			William Paul McCutchan and Virginia B. McCutchan	Exxon Corporation	Not less than 1/8	209/335
		ļ	Kathleen Bradford Upton	Exon Corporation	Not less than 1/8	209/79
		<u> </u>	William Warren Upton and Frances J. Upton, h/w	Exxon Corporation	Not less than 1/8	W3/350
	1	1	Marie L. Bradford, widow and heir under the Last Will and Testament of James Perry Bradford	Exxon Corporation	Not less than 1/8	211/80
	l	<del> </del>	Exxon Corporation	Exxon Mobil Corporation	Name Change	wvsos
	<del>                                     </del>	<del>                                     </del>	Exxon Mobil Corporation, Exxonmobil Oil Corporation, Mobil Producing			
	1	1	Texas & New Mexico Inc., Mobile Oil Exploration and Producing			
	l		Southeast Inc., and Mobile Exploration and Producing North American			
	l		inc.	XTO Energy, Inc.	Assignment	496/126
			XTO Energy, Inc.	Antero Resources Corporation	Assignment	532/239
		1	Antero Resources Corporation	CNX Gas Company LLC	Assignment	629/658
	<del></del>			ļ		<del></del>
fract ID		Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc	Develo	Book/Page
104A	B Parcel	Q15.ff	James Marr Southern and Penny G. Southern, h/w	CNX Gas Company LLC	Royalty Not less than 1/8	66/275
	1-18, Parcel 8	293623000	Ronald J. McBee	CNX Gas Company LLC	Not less than 1/8	63/229
	74.04.4	<del> </del>	Connie Sue Conrad	CNX Gas Company LLC	Not less than 1/8	63/225
	<del>                                     </del>	<del> </del>	James Lee Phillips a/k/a James L. Phillips	CNX Gas Company LLC	Not less than 1/8	76/202
	i —	<del> </del>	Clyde Williams Phillips a/k/a Clyde W. Phillips	CNX Ges Company LLC	Not less than 1/8	87/434
	T		Joyce E. Matthews	CNX Gas Company LLC	Not less than 1/8	102/35
			Chad W. Johnson	CNX Gas Company LLC	Not less than 1/8	126/537
			Janice Coffindaffer	CNX Gas Company LLC	Not less than 1/8	44/756
	I	L	Sandra Jean Fox	CNX Gas Company LLC	Not less than 1/8	68/304
			Harry R. Fox	CNX Ges Company LLC	Not less than 1/8	128/789
			Stephen Fax	CNX Gas Company LLC	Not less than 1/8	135/73
		ļ	Troy Fox	CNX Gas Company LLC	Not less than 1/8	131/265
			Melanie L. Yoak	CNX Gas Company LLC	Not less than 1/8	119/129
			Kenneth J. Butler, Jr.	CNX Gas Company LLC	Not less than 1/8	82/39
			Bruce D. Knowiton	CNX Gas Company LLC	Not less than 1/8	129/328
			Bruce D. Knowiton William Hubbard and Anita Joy Hubbard, h/w	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	108/554
			Bruce D. Knowiton	CNX Gas Company LLC	Not less than 1/8	

			John Paul Smith, Jr.	CNX Ges Company LLC	Not less than 1/8	113/174
			Diane Mikes a/k/a Dianna M. Mikes	CNX Gas Company LLC	Not less than 1/8	131/260
			Berbara McClain	CNX Gas Company LLC	Not less than 1/8	57/143
			James R. Underwood	CNX Gas Company LLC	Not less than 1/8	73/174
			Sherry Quay	CNX Gas Company LLC	Not less than 1/8	82/24
			Robert A. Wagner and Mabel L. Wagner, as Trustees of the Robert and			
			Mabel Wagner Living Trust	CNX Gas Company LLC	Not less than 1/8	114/256
			Kathleen Cody	CNX Gas Company LLC	Not less than 1/8	134/121
			Charles H. Bower, Jr.	CNX Gas Company LLC	Not less than 1/8	134/121
			Desolyn Florence Doak	CNX Gas Company LLC	Not less than 1/8	134/121
			Brenda S. Ryan	CNX Gas Company LLC	Not less than 1/8	134/121
			John Paladino	CNX Gas Company LLC	Not less than 1/8	134/121
		Tale Calelan				
ract ID	Tax Map.	Title Opinion OLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
	1-18, P/O	213.6	Planters Bank, Trustee for Franklin L. Butler IRA under agreement		PATRICE	PAYMI VAL
102C	Parcels 9	293583000	dated 9/10/1991	Key Oil Company	Not less than 1/8	301/60
	and 10		Edward Mullooly	Key Oil Company	Not less than 1/8	301/58
			Key Oil Company	Antero Resources Appalachian Corporation	Assignment	383/342
			Key Oil Company	Antero Resources Appalachian Corporation	Assignment	400/515
			Antero Resources Appalachian Corporation	Antero Resources Corporation	Name Change	wvsos
			Antero Resources Corporation	CNX Gas Company LLC	Assignment	629/658
			Robert E. Burgess, Sr. and Barbara Burgess, h/w	B&M Associates	Not less than 1/8	301/62
			B&M Associates	Key Oil Company	Assignment	301/64
			Key Oil Company	Antero Resources Appalachian Corporation	Assignment	383/342
			Key Oil Company	Antero Resources Appalachian Corporation	Assignment	400/515 W/SOS
			Antero Resources Appalachian Corporation	Antero Resources Corporation	Name Change Assignment	629/658
	ļ		Antero Resources Corporation	CNX Gas Company LLC	mangament.	523/030
		-	Trustee of the Arnold's Creek Christian Church	CNX Gas Company LLC	Not less than 1/8	114/263
			SI WIS PRINTED O SEETE COMMISSION MINISTER			
	Tax Man	Title Opinion				
ract ID	& Percel	QLS#	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
114	1-2.		Sonya Rickel and Joe Rickel Jr., w/h	Clarence W. Mutschelknaus	Not less than 1/8	141/176
	Parcel 1		Charlotte Bryant and Ervin Bryant, w/h	Clarence W. Mutschelknaus	Not less than 1/8	140/492
	and 1.2		Robert F. Pratt and Glenna Z. Pratt, h/w	Clarence W. Mutschelknaus	Not less than 1/8	141/35
			Kenneth E. Pratt and Laura L. Pratt, h/w	Clarence W. Mutschelknaus	Not less than 1/8	141/11
			Janet P. Tinkham and Elwin I. Tinkham, w/h	Clarence W. Mutschelknaus	Not less than 1/8	140/360
			Allen Pratt and Patricia Pratt, h/w	Clarence W. Mutschelknaus	Not less than 1/8	140/500
			Jean Cole and Robert L. Colo, w/h	Clarence W. Mutschelknaus	Not less than 1/8	140/488
			Dorothy A. Greenwood and Malcolm Greenwood, w/h	Clarence W. Mutschelknaus	Not less than 1/8	141/37
			Margaret R. Mead and Richard F. Mead, w/h	Clarence W. Mutschelknaus	Not less than 1/8	140/370
			Mary J. Borer and Donald E. Borer, w/h	Clarence W. Mutschellmaus	Not less than 1/8	140/364 141/190
			Kenneth M. Wagner and Mary A. Wagner, h/w	Clarence W. Mutschelknaus	Not less than 1/8	141/190
			John Paladino	Clarence W. Mutschelknaus	Not less than 1/8 Not less than 1/8	140/362
			Patty Lou Fox and Harry R. Fox, w/h	Clarence W. Mutschelknaus	Not less than 1/8	141/25
			Robert D. L. Doak	Clarence W. Mutschelknaus Clarence W. Mutschelknaus	Not less than 1/8	141/17
			Ida Bower Jack Coffindaffer and Janice Lee Coffindaffer, h/w	Clarence W. Mutschelknaus	Not less than 1/8	141/13
	<u> </u>		Esther Doak	Clarence W. Mutschelknaus	Not less than 1/8	141/7
			Virginia McBee and Robert McBee, w/h	Clarence W. Mutschelknaus	Not less than 1/8	141/19
			Sherry Lynn Quay	Clarence W. Mutschelknaus	Not less than 1/8	149/667
			Karen Y. Melter and Robert Lynn Melter, w/h	Clarenco W. Mutscheiknaus	Not less than 1/8	143/301
			Paul Wagner and Joan Wagner, h/w	Clarence W. Mutschelknaus	Not less than 1/8	140/766
			Leona Smith and John Smith, w/h	Clarence W. Mutschelknaus	Not less than 1/8	140/768
			Sylvia Knowleton and Clee Knowleton, w/h	Clarence W. Mutschelknaus	Not less than 1/8	140/490
			ina M. Wagner	Clarence W. Mutschelknaus	Not less than 1/8	140/770
			Juliana M. Moore	Clarence W. Mutschelknaus	Not less than 1/8	140/366
			Gussie Devoli	Clarence W. Mutschelknaus	Not less than 1/8	140/760
	<u> </u>	l	Martha Moore Hanson and Peter S. Hanson, w/h	Clarence W. Mutschelknaus	Not less than 1/8	141/186 140/764
	<b>}</b>		Vonda Wagner	Clarence W. Mutschelknaus Clarence W. Mutschelknaus	Not less than 1/8 Not less than 1/8	141/31
			Janico Phelps and Harry Phelps, w/h Wayne Kellar and Peggy Kellar, h/w, a/k/a Wayne Kellar and Margaret	PROFESSION AS MARKET AND ASSESSED.	sant icas men 1/0	2-4/32
			Wayne Ketar and Peggy Ketar, n/w, a/x/a wayne Ketar and Margaret H. Kellar, h/w	Clarence W. Mutschelknaus	Not less than 1/8	141/33
	<del> </del>	ļ	H. Kellar, h/w Catherine Moore	Clarence W. Mutschelknaus	Not less than 1/8	140/494
		<del> </del>	C. H. Wagner and Olive Irene Wagner, h/w	Clarence W. Mutschelknaus	Not less than 1/8	141/21
	<del> </del>		Ruth M. Hubbard	Clarence W. Mutschelknaus	Not less than 1/8	141/29
	t		Darryl Pratt	Clarence W. Mutschelknaus	Not less than 1/8	140/356
	<del> </del>	<del> </del>	Mary D. Southern	Clarence W. Mutschelknaus	Not less than 1/8	140/762
			Wilda Dook	Clarence W. Mutschelknaus	Not less than 1/8	141/15
			Gerrett G. Pyles	Clarence W. Mutschelknaus	Not less than 1/8	140/496
			Theresa Pratt	Clarence W. Mutschelknaus	Not less than 1/8	140/368
			Beverly Delancey and Eleanor Knight and Stanford Knight, w/h and		1	
	1	l	James W. Ash and Hazel Ash, h/w, Lelia Washburn, Charlene Smith and	ı <b>l</b>	1	1
	1	{	George Smith, w/h, and Barbara Thairose and Harold Thairose, w/h	i	Not less than 1/8	140/757
	l			Clarence W. Mutschelknaus	Assignment	322/275
	<del> </del>		Clarence W. Mutschelknaus Antero Resources Corporation	Antero Resources Corporation CNX Gas Company LLC	Assignment	481/395
			remote vestorious our perations		- manager tracting	
	Tax Man	Title Opinion				
Inect ID	& Parcel	OLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
1158	1-2, P/O	293587000	C. Lynn Curran	Antero Resources Corporation	Not less than 1/8	442/199
	Parcel 2.1		John Clifton Dowdy	Antero Resources Corporation	Not less than 1/8	420/67
	I		Terri Kathleen Corathers Arbogast	Antero Resources Corporation	Not less than 1/8	421/535
			April Suzanne Corether Wallace	Antero Resources Corporation	Not less than 1/8	421/393
			Joy L. Cattrill	Antero Resources Corporation	Not less than 1/8	421/310
		1	Carl Jackson Smith	Antero Resources Corporation	Not less than 1/8	473/182
				Antero Resources Corporation	Not less than 1/8	473/177
			Judith Ann Glerman			40-40-
			Karin A. Reddert	Antero Resources Corporation	Not less than 1/8	421/285
			Karin A. Reddert Laura Jean Houseman	Antero Resources Corporation	Not less than 1/8	441/122
			Karin A. Reddert Laura Jean Houseman Michael Dale Rogers	Antero Resources Corporation Antero Resources Corporation	Not less than 1/8 Not less than 1/8	441/122 425/402
			Karin A. Reddert Laura lean Houseman Mikhael Dale Rogers Mark Allen Rogers	Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation	Not less than 1/8 Not less than 1/8 Not less than 1/8	441/122 426/402 427/595
			Karin A. Reddert Laura Jean Houseman Michael Dale Rogers Mark Allen Rogers Lyfe Vanco Rogers	Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation	Not less than 1/8	441/122 425/402 427/595 429/357
			Karin A. Reddert Laura lean Houseman Mikhael Dale Rogers Mark Allen Rogers	Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation	Not less than 1/8 Not less than 1/8 Not less than 1/8	441/122 426/402 427/595

	l	Ryan Wendel	Antero Resources Corporation	Not less than 1/8	474/76
		Gary Eugene Criner	Antero Resources Corporation	Not less than 1/8	417/16
		Jeremi Lyn Criner	Antero Resources Corporation	Not less than 1/8	420/195
		Sharon Lee Criner Griffith	Antero Resources Corporation	Not less than 1/8	420/501
		Cinda Lou Criner Lanham	Antero Resources Corporation	Not less than 1/8	420/506
		Jonathon L. Criner	Antero Resources Corporation	Not less than 1/8	428/11
		Gregory M. Smith	Antero Resources Corporation	Not less than 1/8	474/71
		Gwendolyn S. Nevillo	Antero Resources Corporation	Not less than 1/8	475/11
		Catherine A. Mark	Antero Resources Corporation	Not less than 1/8	441/342
		John W. Casto	Antero Resources Corporation	Not less than 1/8	441/345
 		Charles Larry Cottrill	Antero Resources Corporation	Not less than 1/8	419/591
		Cindy K. White	Antero Resources Corporation	Not less than 1/8	419/594
 		Cathleen Shultz	Antero Resources Corporation	Not less than 1/8	419/597
 		Lois A. Arcuri	Antero Resources Corporation	Not less than 1/8	419/600
 		Kenneth Clinton Cottrill	Antero Resources Corporation	Not less than 1/8	419/603
 		Colin D. Goddard	Antero Resources Corporation	Not less than 1/8	421/289
 		Robert C. Goddard	Antero Resources Corporation	Not less than 1/8	421/277
 		Bonnie C. Persohn	Antero Resources Corporation	Not less than 1/8	422/160
 		Addie Marie Leadmon	Antero Resources Corporation	Not less than 1/8	428/388
 		James A. Cottrill	Antero Resources Corporation	Not less than 1/8	438/622
 		William C. Montgomery	Antero Resources Corporation	Not less than 1/8	420/652
 		Mary Lou Dawson	Antero Resources Corporation	Not less than 1/8	421/304
 		Relia M. Dawson	Antero Resources Corporation	Not less than 1/8	421/307
 		Glenn H. Montgomery	Antero Resources Corporation	Not less than 1/8	421/283 421/301
 		John C. Montgomery	Antero Resources Corporation	Not less than 1/8	
 		Barbara Kay Montgomery	Antero Resources Corporation	Not less than 1/8	425/303
 	<b>_</b>	Benjaimen Jacob Criner	Antero Resources Corporation	Not less than 1/8	420/491 427/600
 		Richard P. Criner	Antero Resources Corporation	Not less than 1/8	427/600
 		Clifford Werrren Montgomery	Antero Resources Corporation	Not less than 1/8	408/273
 		Tricta Lynn Howard	Antero Resources Corporation	Not less than 1/8	408/273
 		Jeffrey David Montgomery	Antero Resources Corporation	Not less than 1/8	408/311
 	ļ	Scott Eric Montgomery	Antero Resources Corporation	Not less than 1/8	407/403
 	ļ	Skylar Ora Montgomery	Antero Resources Corporation	Not less than 1/8 Not less than 1/8	407/409
 	ļ	Kendra K. Wyke	Antero Resources Corporation		417/104
 	ļ	Robert W. Pernell	Antero Resources Corporation	Not less than 1/8 Not less than 1/8	412/472
 	ļ	Marilyn K. Pernell	Antero Resources Corporation		414/42
 	ļ	Sendra L. Shirey	Antero Resources Corporation	Not less than 1/8 Not less than 1/8	414/42
 		Kimberly Ann Barnes	Antero Resources Corporation	Not less than 1/8	400/182
		Michael A. Barnes	Antero Resources Corporation	Not less than 1/8	400/187
 	ļ	Randy Lee Barnes	Antero Resources Corporation	Not less than 1/8	406/56
 	ļ	Keren Sue Kinder	Antero Resources Corporation	Not less than 1/8	405/268
 		Sherry Barker	Antero Resources Corporation	Not less than 1/8	407/602
 		Harry Griffith	Antero Resources Corporation	Not less than 1/8	407/597
 		Larry Griffith	Antero Resources Corporation	Not less than 1/8	407/592
 		Lisa Meaks	Antero Resources Corporation  Antero Resources Corporation	Not less than 1/8	408/282
 		Connie Metz	Antero Resources Corporation	Not less than 1/8	477/297
 		Joseph Smith	Antero Resources Corporation	Not less than 1/8	477/292
 	<del></del>	Richard Walton and Barbara R. Walton	Antero Resources Corporation	Not less than 1/8	477/287
 		Sarah L. Albright		1100 1000 01011 010	
				Not loss than 1/8	401/189
 	<del> </del>	Medley Brandl	Antero Resources Corporation	Not less than 1/8	401/189 400/247
 		Sarah Bolling	Antero Resources Corporation	Not less than 1/8	400/247
 		Sarah Bolling Antero Minerals LLC	Antero Resources Corporation Antero Resources Corporation	Not less than 1/8 Not less than 1/8	400/247 494/220
		Sarah Boiling Antero Minerals LLC Antero Resources Corporation	Antero Resources Corporation Antero Resources Corporation CNX Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment	400/247 494/220 481/395
		Sarah Bolling Antero Minerals LLC	Antero Resources Corporation Antero Resources Corporation	Not less than 1/8 Not less than 1/8	400/247 494/220
		Sarah Bolling Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation	Antero Resources Corporation Antero Resources Corporation CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment	400/247 494/220 481/395
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Citydette Sherryl Cowgar, a/k/a Sheryl Citydette Cowgar	Antero Resources Corporation Antero Resources Corporation CNX Gas Company LLC CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 481/395 497/92
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, afula Sheryl Chydette Cowgar Kathleen Ann Paritsh	Antero Resources Corporation Antero Resources Corporation CNK Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment	400/247 494/220 481/395 497/92 493/156
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Paritsh Delmas McKlinney and Wanda R. McKlinney, b/w	Antero Resources Corporation Antero Resources Corporation CNX Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8 Not less than 1/8	400/247 494/220 481/395 497/92 493/166 494/556
		Sarah Bolling Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation Clydette Sherryl Cowgar, a/k/a Sheryl Clydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer	Antero Resources Corporation Antero Resources Corporation CNIX Gas Company LLC CNIX Gas Company	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8 Not less than 1/8 Not less than 1/8	400/247 494/220 481/395 497/92 493/156 494/556 494/701
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryi Cowgar, a/k/a Sheryi Chydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Eta Ruth Walton	Antero Resources Corporation Antero Resources Corporation CNK Gas Company LLC C	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 481/395 497/92 493/156 494/556 494/701 494/706
		Sarah Bolling Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Paritsh Delmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Elis Ruth Walton Deward Whitchair, Jr.	Antero Resources Corporation Antero Resources Corporation CNK Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 481/395 497/92 493/156 494/556 494/701 494/706 483/321
		Sarah Bolling Antero Nilnerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, b/w Linda McKinney Mercer Elia Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Balley	Antero Resources Corporation Antero Resources Corporation CNN Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 481/395 497/92 493/156 494/556 494/701 494/706 493/321 496/190
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryi Cowgar, a/k/a Sheryi Chydette Cowgar Katihleen Ann Parrish Delmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Eta Ruth Walton Deward Whitehair, Jr. Evelyn Jean Walton Balley James L. Hitt	Antero Resources Corporation Antero Resources Corporation CNN Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 481/395 497/92 493/156 494/750 494/701 494/706 493/321 496/190 497/282 497/192
		Sarah Bolling Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, afil/a Sheryl Chydette Cowgar Kathleen Ann Partish Delmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Etis Ruth Wathon Deward Whitehair, Jr. Evelyn Jean Wathon Balley James L. Hitt Yvonne Elizabeth Roberts, Sole Successor Trustee of the Pursglove	Antero Resources Corporation Antero Resources Corporation CNN Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/95 497/92 493/156 494/556 494/706 493/321 496/190 497/282 497/192
		Sarah Bodling Antero Nitherals LLC Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKlinney and Wanda R. McKlinney, b/w Linda McKlinney Mercer Elia Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Bailey James L. Hitt Yvonne Elizabeth Roberts, Sole Successor Trustee of the Puraglove Family Trust, dated 2/7/2000	Antero Resources Corporation Antero Resources Corporation CNN Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/95 497/92 493/156 494/751 494/708 493/321 496/190 497/282 497/192 496/590 497/195
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Eta Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Salley James L. Hitt Yuoanne Elizabeth Roberts, Sole Successor Trustee of the Pursglove Family Trust, dated 2/7/2000 Cheryl A. Kampton, (R/k), Cheryl A. Snyder	Antero Resources Corporation Antero Resources Corporation CNN Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 481/395 497/92 493/156 494/756 494/701 494/706 493/321 496/190 497/262 497/192 497/192 497/192 497/192
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, afula Sheryl Chydette Cowgar Kathleen Ann Paritsh Dehmas McKlinney and Wanda R. McKlinney, h/w Linda McKlinney Mercer Eliz Ruth Watkon Deward Whitehair, Jr. Evelyn Jean Walton Balley James L. Hitt Yvonne Elizabeth Roberts, Sole Successor Trustee of the Puragiove Family Trust, dated 2/7/2000 Cheryl A. Kampton, fl/da, Cheryl A. Snyder James V. Hits James V. Hits Jeans V. Hits Jeans J. Jean	Antero Resources Corporation Antero Resources Corporation CNK Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 491/220 491/92 491/92 493/156 494/556 494/706 493/321 496/190 497/722 497/192 496/590 497/475 497/37 496/195
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Eta Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Salley James L. Hitt Yuoanne Elizabeth Roberts, Sole Successor Trustee of the Pursglove Family Trust, dated 2/7/2000 Cheryl A. Kampton, (R/k), Cheryl A. Snyder	Antero Resources Corporation Antero Resources Corporation CNK Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 491/395 497/92 493/156 494/556 494/701 494/706 493/321 496/190 497/282 497/192 496/190 497/193 497/193 497/193 497/193 497/195 497/37
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKlinney and Wanda R. McKlinney, b/w Linda McKlinney Mercer Elia Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Balley James L. Hitt Yoonne Elizabeth Roberts, Sole Successor Trustee of the Puragiove Family Trust, dated 2/7/2000 Cheryl A. Hampton, I/k/a, Cheryl A. Snyder James Vincent Porfacd Diana Louise Puragiove	Antero Resources Corporation Antero Resources Corporation CNK Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 481/395 497/92 493/156 494/701 494/706 494/706 493/321 496/190 497/282 497/282 497/37 497/37 497/37 496/195 497/455 497/455
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryi Cowgar, a/k/a Sheryi Chydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Eta Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Balley James L. Hitt Yuoune Elizabeth Roberts, Sole Successor Trustee of the Pursglove Family Trust, dated 2/7/2000 Cheryl A. Hampton, (f/k/a, Cheryl A. Snyder James Vincent Profad Diana Louise Pursglove Beverly D. Roy (f/k/a Beverly D. Merali and Ian Roy, w/h	Antero Resources Corporation Antero Resources Corporation CNK Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 491/220 491/92 497/92 493/156 494/556 494/706 493/321 496/190 497/722 497/192 496/590 497/475 497/475 497/475 497/475 497/475 497/475 497/475 497/475 497/475 497/475 497/475 497/475
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, afula Sheryl Chydette Cowgar Kathleen Ann Paritsh Delmas McKlinney Mercer Etta Ruth Walton Deward Whitehalr, Ir. Evelyn Jean Walton Balley James L. Hitt Yvonne Elizabeth Roberts, Sole Successor Trustee of the Pursglove Family Trust, dated 217/2000 Cheryl A. Kampton, (fula, Cheryl A. Snyder James Vincent Profact Dlana Louise Pursglove Beverry D. Roy (fula Beverly D. Merall and Ian Roy, w/h Debble Barnes, afula Debble Summers	Antero Resources Corporation Antero Resources Corporation CNN Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/95 497/92 493/156 494/556 494/706 493/321 496/190 497/282 497/192 497/392 497/393 497/393 497/393 497/393 497/475 497/393 497/455 497/465 497/460 497/470
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKlinney and Wanda R. McKlinney, b/w Linda McKlinney Mercer Elia Ruth Walton Deward Whitehalt, Jr. Evelyn Jean Walton Balley James L. Hitt Yvonne Elizabeth Roberts, Sole Successor Trustee of the Puragiove Family Trust, dated 2/7/2000 Cheryl A. Hampton, t/k/a, Cheryl A. Snyder James Vincent Profacd Diana Louise Puragiove Beverly D. Roy t/k/a Beverly D. Merali and Ian Roy, w/h Debblo Barnes, a/k/a Debblo Summers David Parks and Carla D. Parks h/w	Antero Resources Corporation Antero Resources Corporation CNK Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 491/220 491/220 491/22 497/92 493/156 494/706 494/706 493/321 496/190 497/282 497/282 497/37 497/37 497/37 497/37 497/37 497/356 497/470 497/480
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Elia Ruth Waton Deward Whitehalr, Jr. Evelyn Jean Waton Salley James L. Hitt Yuoune Elizabeth Roberts, Sole Successor Trustee of the Pursgiove Family Trust, dated 2/7/2000 Cheryl A. Hampton, I/h/a, Cheryl A. Snyder James Vincent Profaci Diana Louise Derngiove Beverly D. Roy I/k/a Beverly D. Merall and Ian Roy, w/h Debble Barnes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law	Antero Resources Corporation Antero Resources Corporation CNK Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 491/220 491/92 497/92 493/156 494/556 494/706 493/321 496/190 497/282 497/192 496/590 497/282 497/37 496/195 497/37 497/37 497/37 497/37 497/386 497/480 497/386
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryi Cowgar, a/lu/a Sheryi Chydette Cowgar Kathleen Ann Paritsh Delmas McKinney and Wanda R. McKinney, lu/w Linda McKinney Mercer Etta Ruth Walton Deward Whitehalr, Ir. Evelyn Jean Walton Balley James L. Hitt Yvonne Elizabeth Roberts, Sole Successor Trustee of the Pursgiove Family Trust, dated 2/7/2000 Cheryi A. Kampton, (lu/a, Cheryi A. Snyder James Vincent Profaci Diana Louise Pursgiove Beverfy D. Roy (lu/a) Beverhy D. Merali and Ian Roy, w/h Debbio Barnes, a/lu/a Debbio Summers David Parka and Carla D. Parks h/w Sandra Law Sonja Putnam	Antero Resources Corporation Antero Resources Corporation CINK Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/92 497/92 493/156 494/556 494/706 493/321 496/190 497/192 497/192 497/192 497/192 497/192 497/192 497/192 497/192 497/193 497/193 497/193 497/193 497/195
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKlinney and Wanda R. McKlinney, b/w Linda McKlinney Mercer Ella Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Balley James L. Hitt Yvonne Elizabeth Roberts, Sole Successor Trustee of the Puragiove Family Trust, dated 2/7/2000 Cheryl A. Hampton, t/k/a, Cheryl A. Snyder James Vincent Profacd Diana Louise Puragiove Beverly D. Roy (f/k/a Beverly D. Merali and Ian Roy, w/h Debble Barnes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnam Peggy Johnson	Antero Resources Corporation Antero Resources Corporation CNN Gas Company LLC CNK Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/395 497/92 493/356 494/556 494/706 493/321 496/190 497/282 497/282 497/282 497/37 496/195 497/37 496/195 497/37 496/195 497/37 496/195 497/37 497/37 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356
		Sarah Bodling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Clydette Cowgar Kathleen Ann Parrish Delmas McKlinney and Wanda R. McKlinney, h/w Linda McKlinney Mercer Elia Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Salley James L. Hitt Yuoune Elizabeth Roberts, Sole Successor Trustee of the Pursgiove Family Trust, dated 2/7/2000 Cheryl A. Kampton, (h/k)a, Cheryl A. Snyder James Vincent Profaci Diana Louise Pursgiove Beverly D. Roy (h/k)a Beverly D. Merali and Ian Roy, w/h Debble Barnes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnam Peggy Johnson Stephen M. Kiley	Antero Resources Corporation Antero Resources Corporation CNK Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/92 497/92 493/156 494/556 494/708 494/708 494/708 494/708 494/708 495/199 497/282 497/282 497/282 497/282 497/37 496/199 497/486 497/480 497/486
		Sarah Bolling Antero Nitherals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, b/w Linda McKinney Mercer Etis Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Balley James L. Hitt Yoome Elizabeth Roberts, Sole Successor Trustee of the Pursgiove Family Trust, dated 2/7/2000 Cheryl A. Hampton, fl/Ja, Cheryl A. Seryder James Vincent Profad Diana Louise Pursgiove Beverly D. Roy fl/Ja Beverly D. Merall and Ian Roy, w/h Debble Barnes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnam Peggy Johnson Stephen M. Niley Issac Criver	Antero Resources Corporation Antero Resources Corporation CNK Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/255 497/92 493/156 494/556 494/706 493/701 496/199 497/282 497/282 497/282 497/282 497/282 497/282 497/282 497/282 497/283 497/27 496/195 497/286 497/470
		Sarah Bolling Antero Nitherals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney Mercer Etia Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Balley James L. Hitt Yvonne Elizabeth Roberts, Sole Successor Trustee of the Pursglove Family Trust, dated 2/7/2000 Cheryl A. Kampton, (It/la, Cheryl A. Snyder James Vincent Profad Diana Louise Pursglove Bewerty D. Roy (It/la Beverty D. Merali and Ian Roy, w/h Debble Barnes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Songia Putnam Peggy Johnson Stephen M. Killey Islanc Chorer Chad W. Johnson James W. Ebbs Carole Hanlon	Antero Resources Corporation Antero Resources Corporation CNN Gas Company LLC CNK Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/395 497/92 493/356 494/556 494/706 493/321 496/190 497/282 497/282 497/282 497/37 496/195 497/37 496/195 497/37 496/195 497/37 496/195 497/37 496/195 497/366
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKlinney and Wanda R. McKlinney, h/w Linda McKlinney Mercer Ella Ruth Walton Deward Whitchalr, Jr. Evelyn Jean Walton Balley James L. Hitt Yuonne Elizabeth Roberts, Sole Successor Trustee of the Pursgiove Family Trusk, dated 2/7/2000 Cheryl A. Kampton, f/k/a, Cheryl A. Snyder James Vincent Profacd Diana Louise Dursgiove Beverly D. Roy f/k/a Beverly D. Merali and Ian Roy, w/h Debble Barnos, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnam Peggy Johnson Stephen M. Kiley Lisaac Criner Chad W. Johnson Lames W. Ebbs Carole Hanlon Jame Diane Burrough a/k/a Janie Diane Burrough	Antero Resources Corporation Antero Resources Corporation CNK Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 491/220 491/220 491/92 491/92 491/92 493/156 494/556 494/705 494/706 493/321 496/199 497/282 497/192 496/199 497/282 497/37 496/199 497/37 497/37 497/37 497/37 497/37 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356 497/356
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Clydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Elia Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Salley James L. Hitt Yuoune Elizabeth Roberts, Sole Successor Trustee of the Pursgiove Family Trust, dated 2/1/2000 Cheryl A. Hampton, I/k/a, Cheryl A. Snyder James Vincent Profaci Diana Louise Pursgiove Beverly D. Roy I/k/a Beverly D. Merali and Ian Roy, w/h Debble Barnes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnam Peggy Johnson Stephen M. Kiley Isaac Criner Chad W. Johnson James W. Ebbs Carole Hanlon James W. Ebbs Carole Hanlon James W. Ebbs Carole Hanlon James Dean Walton	Antero Resources Corporation Antero Resources Corporation CNK Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/220 491/220 491/220 491/256 494/556 494/705 494/706 493/321 496/199 497/192 497/192 497/192 497/192 497/192 497/192 497/192 497/193 497/195
		Sarah Bolling Antero Nitherals LLC Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney Mercer Etia Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Balley James L. Hitt Yvonne Elizabeth Roberts, Sole Successor Trustee of the Puraglove Family Trust, dated 2/7/2000 Cheryl A. Kampton, (N/A, Cheryl A. Snyder James Vincent Profaci Diana Louise Puraglove Beverly D. Roy (N/A) Beverly D. Merali and Ian Roy, w/h Debble Barnes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnam Peggy Johnson Stephen M. Killey Isaac Criner Chad W. Johnson James W. Ebbs Carole Hanlon Jane Burrough a/k/a Janle Diane Burrough Mitchael Dean Walton Anita Jane Spadaforre	Antero Resources Corporation Antero Resources Corporation CNIX Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/220 491/220 493/156 494/556 494/556 494/706 493/321 496/190 497/222 497/222 497/222 497/222 497/323 497/323 497/324 497/325 497/326 497/326 497/326 497/326 497/326 497/326 497/326 497/326 497/326 497/326 497/326 497/326 497/326 497/326 497/326 497/326 497/326 497/326 497/328 497/328 497/328 497/328
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas Modlinaey and Wanda R. McKlinney, h/w Linda McKlinney Mercer Ella Ruth Walton Deward Whitchair, Jr. Evelyn Jean Walton Balley James L. Hitt Yuonne Elizabeth Roberts, Sole Successor Trustee of the Pursgiove Family Trusk, dated 2/7/2000 Cheryl A. Hampton, f/k/a, Cheryl A. Snyder James Vincent Profact Diana Louise Dursgiove Deverty D. Roy f/k/a Beverby D. Merali and Ian Roy, w/h Debble Barnes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnam Peggy Johnson Stephen M. Kiley Lisac Criver Chad W. Johnson James W. Ebbs Carole Hanlon Jane Diane Burrough a/k/a Janie Diane Burrough Michael Dean Walton Anits Janes Spadefora Alica M. Bull	Antero Resources Corporation Antero Resources Corporation CNK Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/220 491/92 497/92 493/156 494/556 494/703 494/703 494/705 493/321 496/199 497/282 497/282 497/282 497/37 496/199 497/37 497/37 497/37 497/37 497/37 497/386
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation  Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Clydette Cowgar  Kathleen Ann Parrish  Delmas McKinney and Wanda R. McKinney, h/w  Linda McKinney Mercer  Elia Ruth Walton  Deward Whitehalr, Jr.  Evelyn Jean Walton Balley  James L. Hitt  Yuoune Elizabeth Roberts, Sole Successor Trustee of the Pursglove  Family Trust, dated 2/7/2000  Cheryl A. Kampton, f/k/a, Cheryl A. Snyder  James Vincent Profaci  Diana Louise Pursglove  Beverly D. Roy f/k/a Beverly D. Merali and Ian Roy, w/h  Debble Barnes, a/k/a Debble Summers  David Parks and Carla D. Parks h/w  Sandra Law  Sonja Putnam  Peggy Johnson  Stephen M. Kiley  Isaac Criner  Chad W. Johnson  James W. Etbs  Carole Hanlon  Jame Diane Burrough a/k/a Janle Diane Burrough  Mitchael Dean Walton  Anita Jame Spadafors  Alica M. Bull  Gary Low Waton	Antero Resources Corporation Antero Resources Corporation CNIX Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/220 491/220 491/220 491/220 491/256 494/556 494/706 494/706 493/321 496/199 497/192 497/192 497/192 497/192 497/192 497/192 497/193 497/195
		Sarah Bolling Antero Nitherals LLC Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Partish Delmas McKinney and Wanda R. McKinney, b/w Linda McKinney Mercer Etia Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Bailey James L. Hitt Yvonne Elizabeth Roberts, Sole Successor Trustee of the Puraglove Family Trust, dated 2/7/2000 Cheryl A. Hampton, (ft/a, Cheryl A. Snyder James Vincent Profaci Diana Louise Puraglove Beverly D. Roy (ft/a) Beverly D. Merali and Ian Roy, w/h Debble Bennes, a/k/a Debble Summers David Parts and Carla D. Parks h/w Sandra Law Sonja Putnam Peggy Johnson Stephen M. Killey Lasac Criner Chad W. Johnson James W. Etbs Carole Hanlon Jane Burrough a/k/a Janle Diane Burrough Michael Dean Walton Alte Jane Spadafore Alice M. Bull Gary Loe Walton Annette Jill Walton a/k/a Annette Jill Naylon	Antero Resources Corporation Antero Resources Corporation CNIX Gas Company LLC CNIX Gas Compa	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/92 493/156 494/556 494/556 494/706 493/321 496/190 497/752 497/752 497/752 497/37 496/195 497/37 496/195 497/37 496/195 497/37 496/195 497/356 497/450
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas Modlinaey and Wanda R. McKlinney, h/w Linda McKlinney Mercer Elia Ruth Walton Deward Whitchair, Jr. Evelyn Jean Walton Balley James L. Hitt Yvonne Elizabeth Roberts, Sole Successor Trustee of the Pursglove Family Trusk, dated 2/7/2000 Cheryl A. Hampton, f/k/a, Cheryl A. Snyder James Vincent Profact Diana Louise Duriglove Beverly D. Roy f/k/a Beverly D. Merali and Ian Roy, w/h Debble Barnes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnam Peggy Johnson Stephen M. Kiley Lisac Criver Chad W. Johnson James W. Ebbs Carole Hanlon Jane Burrough a/k/a Janle Diane Burrough Michael Dean Walton Antet Jane Spadefora Alice M. Buil Gary Loe Walton Annette Jill Walton a/k/a Annette Jill Naylon Jack Arnold Walton	Antero Resources Corporation Antero Resources Corporation CNK Gas Company LLC	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/2A7 494/220 494/220 491/259 497/92 493/156 494/751 494/705 494/706 493/321 496/199 497/282 497/192 496/199 497/282 497/282 497/282 497/283 497/285
		Sarah Bolling Antero Nitherals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Elia Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Balley James L. Hitt Yoome Elizabeth Roberts, Sole Successor Trustee of the Pursgiove Family Trust, dated 2/7/2000 Cheryl A. Hampton, fl/la, Cheryl A. Senyder James Vincent Profad Diana Louise Pursgiove Beverly D. Roy fl/ka Beverly D. Merall and Ian Roy, w/h Debble Barnes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnam Peggy Johnson Stephen M. Niley Issac Chier Chad W. Johnson James W. Ebbs Carole Hanlon Jane Diane Burrough a/k/a Janle Diane Burrough Michael Dearn Walton Antet Jane Spadefora Alice M. Bull Gary Lee Welton Annette Jill Walton a/k/a Annette Jill Naylon Jack Arnold Walton Leonard Francis Cooke Ir.	Antero Resources Corporation Antero Resources Corporation CNIX Gas Company LLC CNIX Gas Compa	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/2A7 494/220 494/220 491/95 497/92 493/156 494/556 494/706 493/321 496/190 497/282 497/192 497/192 497/192 497/475 497/37 497/37 497/37 497/366 497/465 497/465 497/466
		Sarah Bolling Antero Nitherals LLC Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKlinney and Wanda R. McKlinney, b/w Linda McKlinney Mercer Eliza Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Balley James L. Hitt Yvonne Elizabeh Roberts, Sole Successor Trustee of the Puraglove Family Trust, dated 2/7/2000 Cheryl A. Hampton, (fl/a, Cheryl A. Snyder James Vincent Profaci Diana Louise Puraglove Bewerly D. Roy (fl/a) Beverly D. Merali and Ian Roy, w/h Debble Bennes, a/k/a Debble Summers David Parls and Carla D. Parks h/w Sandra Law Sonja Putnam Peggy Johnson Stephen M. Killey Lisasc Criner Chad W. Johnson James W. Ethis Carole Hanlon Jane Diane Burrough a/k/a Janle Diane Burrough Milchael Dean Walton Ante Jame Spadafore Allee M. Bull Gary Loe Walton Annetto Sill Walton a/k/a Annette Sill Naylon Jack Armold Walton Leenard Francis Cooke Jr. Susan Lee Burro (fl/a Susan Lee Baer	Antero Resources Corporation Antero Resources Corporation CNIX Gas Company LLC CNIX Gas Compa	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/2A7 494/220 481/395 497/92 493/156 494/556 494/556 494/706 493/321 496/190 497/782 497/782 497/782 497/782 497/783 497/373 490/195 497/470 497/480 497/
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas Moklinney and Wanda R. McKlinney, h/w Linda McKlinney Mercer Elia Ruth Walton Deward Whitchair, Jr. Evelyn Jean Walton Balley James L. Hitt Yvonne Elizabeth Roberts, Sole Successor Trustee of the Pursglove Family Trusk, dated 2/7/2000 Cheryl A. Hampton, f/k/a, Cheryl A. Snyder James Vincert Profact Diana Louise Duriglove Beverly D. Roy f/k/a Beverly D. Merali and Ian Roy, w/h Debble Barnes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnam Peggy Johnson Stephen M. Hiley Lisac Criver Chad W. Johnson James W. Ebbs Carole Hanlon Jame Burrough a/k/a Janle Diane Burrough Michael Dean Walton Antet Jaine Spadafora Alice M. Badl Gary Loe Walton Annette Jill Walton a/k/a Annette Jill Naylon Jack Arnoid Walton Leonard Francis Cooke Ir. Susen Lee Burrs f/k/a Susan Lee Baer James F. Baer	Antero Resources Corporation Antero Resources Corporation CNK Gas Company LLC CNK Gas	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/250 497/92 493/156 494/556 494/705 494/705 493/121 496/190 497/282 497/192 497/282 497/282 497/282 497/282 497/283 497/455 497/455 497/456 497/
		Sarah Bolling Antero Nitherals LLC Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Partish Delmas McKinney Mercer Etta Ruth Watton Deward Whitehalr, Jr. Evelyn Jean Walton Balley James L Hitt Yoonne Eltzabeth Roberts, Sole Successor Trustee of the Pursgiove Family Trust, dated 2/7/2000 Cheryl A. Hampton, fl/k/a, Cheryl A. Seryder James Vincent Profact Diana Louise Pursgiove Beveriy D. Roy fl/k/a Beveriy D. Merali and Ian Roy, w/h Debble Barnes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnam Peggy Johnson Stephen M. Hiley Lasac Criner Chad W. Johnson James W. Ebbs Carole Hanlon Jane Burrough a/k/a Janle Diane Burrough Mikhael Dean Walton Antes Jane Spadafora Alice M. Bull Gary Lee Welton Annette Jill Walton a/k/a Annette Jill Naylon Jack Arnold Walton Leenard Franck Cooke Ir. Susan Lee Burns f/k/a Susan Lee Buer James F. Beer Gregory M. Barnes	Antero Resources Corporation Antero Resources Corporation CNK Gas Company LLC CNK Gas	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/355 497/92 493/156 494/556 494/706 493/321 496/190 497/282 497/282 497/282 497/37 496/195 497/37 496/195 497/37 496/195 497/37 496/195 497/37 496/195 497/37 497/356 497/366 497/369 4
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKlinney and Wanda R. McKlinney, b/w Linda McKlinney Mercer Lila Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Balley James L. Hitt Yonne Elizabeth Roberts, Sole Successor Trustee of the Puragiove Family Trust, dated 2/7/2000 Cheryl A. Hampton, t/k/a, Cheryl A. Snyder James Vincent Profacd Diana Louise Puragiove Bewerly D. Roy t/k/a Beverly D. Merali and Ian Roy, w/h Debble Barnes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnem Peggy Johnson Stephen M. Killey Lasac Criner Chad W. Johnson James W. Etbls Carole Hanlon Jane Diane Burrough a/k/a Janle Diane Burrough Michael Dean Walton Ante Jane Spaddrors Alice M. Bull Gary Loe Welton Annetto Sill Walton Jack Armold Walton Leonard Francis Cooke Jr. Susan Lee Burns t/k/a Susan Lee Baer James F. Baer Gregory M. Barnes Jakes Brand, a/k/a James J. Brandi	Antero Resources Corporation Antero Resources Corporation CNIX Gas Company LLC CNIX Gas Compa	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/92 493/156 494/556 494/556 494/706 493/321 496/190 497/782 497/782 497/782 497/782 497/782 497/375 497/375 497/376 497/376 497/376 497/386 497/
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas Moklinney and Wanda R. McKlinney, h/w Linda McKlinney Marcer Elia Ruth Walton Deward Whitchair, ir. Evelyn Jean Walton Balley James L. Hitt Yvonne Elizabeth Roberts, Sole Successor Trustee of the Pursglove Family Trusk, dated 2/7/2000 Cheryl A. Hampton, f/k/a, Cheryl A. Snyder James Vincent Profact Diana Louise Duriglove Beverly D. Roy f/k/a Beverly D. Merali and Ian Roy, w/h Debbie Barnes, a/k/a Debbie Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnam Peggy Johnson Stephen M. Hiley Lisac Criver Chad W. Johnson James W. Ebbs Carole Hanlon Jame Burrough a/k/a Janie Diane Burrough Mikheel Dean Walton Antet Jain Syalon a/k/a Annette Jill Naylon Jack Arnold Walton Annette Jill Walton a/k/a Annette Jill Naylon Jack Arnold Walton Leonard Francis Cooke Ir. James F. Baer Gregory M. Barnes Jake Brandl, a/k/a James J. Brandl Angela Jean Garrison, f/k/a Angela Jean Fittrow	Antero Resources Corporation Antero Resources Corporation CNIX Gas Company LLC CNIX Gas Compa	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/220 491/220 491/220 493/156 494/556 494/705 494/705 493/321 496/190 497/282 497/192 496/190 497/282 497/192 496/195 497/470 497/455 497/456 497
		Sarah Bolling Antero Nilnerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney Mercer Eta Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Balley James L. Hitt Yvonne Elizabeth Roberts, Sole Successor Trustee of the Pursglove Family Trust, dated 2/7/2000 Cheryl A. Hampton, fl/k/a, Cheryl A. Seryder James Vincert Profacl Diana Louise Pursglove Beverty D. Roy fl/k/a Beverty D. Merali and Ian Roy, w/h Debble Barnes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnam Peggy Johnson Stephen M. Hilby Lasac Criner Chad W. Johnson James W. Ebbs Carole Hanlon Jane Burrough a/k/a Janle Diane Burrough Mikhael Dean Walton Ante Jane Spadafora Alice M. Bull Gary Lee Walton Annette Jill Walton a/k/a Annette Jill Naylon Jack Arnold Walton Leonard Franck Cooke Ir. Susan Lee Burns fl/k/a Susan Lee Baer James F. Baer Gregory M. Barnes Jake Brandi, a/k/a James J. Brandi Angela Jean Garrison, fl/k/a Angela Jean Fittrow Alisa Lynn Profacl	Antero Resources Corporation Antero Resources Corporation CNIX Gas Company LLC CNIX Gas Compa	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/220 491/256 494/556 494/556 494/706 493/321 496/190 497/282 497/282 497/282 497/282 497/282 497/282 497/282 497/282 497/282 497/282 497/283 497/283 497/285 497/480 497/470 497
		Sarah Bolling Antero Minerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKlinney and Wanda R. McKlinney, b/w Linda McKlinney Mercer Lila Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Balley James L. Hitt Yonne Elizabeth Roberts, Sole Successor Trustee of the Puragiove Family Trust, dated 2/7/2000 Cheryl A. Hampton, t/k/a, Cheryl A. Snyder James Vincent Profacd Diana Louise Puragiove Bewerly D. Roy t/k/a Beverly D. Merali and Ian Roy, w/h Debble Barnes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnem Peggy Johnson Stephen M. Killey Lasac Criner Chad W. Johnson James W. Etbls Carole Hanlon Jane Burrough a/k/a Janle Diane Burrough Michael Dean Walton Ante Jane Spaddrors Alice M. Bull Gary Loe Welton Annetto Sill Walton Jack Arnold Walton Leonard Francis Cooke Jr. Susan Lee Burns t/k/a Susan Lee Baer James F. Baer Gregory M. Barnes Jake Brand, a/k/a James J. Brandi Angela Jean Garrison, t/k/a Angela Jean Fittrow Milliam Appleton	Antero Resources Corporation Antero Resources Corporation CNIX Gas Company LLC CNIX Gas Compa	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/220 491/92 491/92 493/156 494/556 494/706 493/321 496/190 497/22 497/22 497/22 496/590 497/22 497/35 497/
		Sarah Bolling Antero Nilnerals LLC Antero Resources Corporation Antero Resources Corporation Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney Mercer Eta Ruth Walton Deward Whitehalr, Jr. Evelyn Jean Walton Balley James L. Hitt Yvonne Elizabeth Roberts, Sole Successor Trustee of the Pursglove Family Trust, dated 2/7/2000 Cheryl A. Hampton, fl/k/a, Cheryl A. Seryder James Vincert Profacl Diana Louise Pursglove Beverty D. Roy fl/k/a Beverty D. Merali and Ian Roy, w/h Debble Barnes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnam Peggy Johnson Stephen M. Hilby Lasac Criner Chad W. Johnson James W. Ebbs Carole Hanlon Jane Burrough a/k/a Janle Diane Burrough Mikhael Dean Walton Ante Jane Spadafora Alice M. Bull Gary Lee Walton Annette Jill Walton a/k/a Annette Jill Naylon Jack Arnold Walton Leonard Franck Cooke Ir. Susan Lee Burns fl/k/a Susan Lee Baer James F. Baer Gregory M. Barnes Jake Brandi, a/k/a James J. Brandi Angela Jean Garrison, fl/k/a Angela Jean Fittrow Alisa Lynn Profacl	Antero Resources Corporation Antero Resources Corporation CNIX Gas Company LLC CNIX Gas Compa	Not less than 1/8 Not less than 1/8 Assignment Assignment Not less than 1/8	400/247 494/220 494/220 491/220 491/256 494/556 494/556 494/706 493/321 496/190 497/282 497/282 497/282 497/282 497/282 497/282 497/282 497/282 497/282 497/282 497/283 497/283 497/285 497/480 497/470 497

rect (D	& Parcel	Title Opinion	Grentor, Lessor, etc	Grantee, Lessee, etc	Dougle.	Don't Ma
112	1-2,	293580000	Little M. Shepherd	Petroleum Services, Inc.	Royalty Not less than 1/8	Book/Page 107/499
	Parcel 5		Allegheny Land and Mineral Company	Petroleum Services, Inc.	Not less than 1/8	107/679
		1	The Union National Bank as Trustee for Truman E. Gore and C. Burke			
		<b> </b>	Morris, u/a dtd. 8/25/1966 Petroleum Services, Inc.	Petroleum Services, Inc. Summer Gas Associates 78-2	Not less than 1/8	107/677
			Petroleum Services, Inc.	Summer Gas Associates 78-2 Summer Gas Associates 78-2	Assignment Assignment	108/446 175/533
			Summer Gas Associates 78-2	Frontier Energy Corporation	Affidavit	175/490
			Petro-Enterprises, Inc., Burning Springs Gas Development Program 1977, Burning Springs Gas Development Program II, Burning Spring Gas			
			Development Program - 1978; and Petro Energy Drilling - 1979	Frontier Energy Corporation	Accienance	275/400
			Frontier Energy Corporation	Key Oil Company	Assignment Assignment	175/498 172/655
			Key Oil Company	Antero Resources Appalachian Corporation	Assignment	256/285
			Key Oli Company	Antero Resources Appalachian Corporation	Assignment	276/526
			Antero Resources Appalachian Corporation Antero Resources Corporation	Antero Resources Corporation CNX Gas Company LLC	Name Change	WVSOS
				CHA GOS COMPANY LLC	Assignment	481/395
act (D.		Title Opinion	Grantor, Lessor, etc	Grantee, Lossee, etc		
117	8 Parcel	QLS# 293582000	Mrs. Sylvia Wulfert, Ruby Hunt, Mr. Lynn Wulfort		Royalty	Book/Page
	Parcel 6	23302000	U. G. Summers Estate: William G. Summers and Kathryn Summers,	Petroleum Services, Inc.	Not less than 1/8	111/497
- 1			h/w, Hector Keith Summers, Pauline Summers, Kathleen Clara			ĺ
			Summers	Petroleum Services, Inc.	Not less than 1/8	111/443
			U. G. Summers Estato: William G. Summers and Kathryn Summers,			
- 1			h/w, Hector Keith Summers, Pauline Summers, Kathleen Clara Summers	Petroleum Sanders Inc	Not less than 1/0	444.644
			Lorena G. Harrener	Petroleum Services, Inc. Petroleum Services, Inc.	Not less than 1/8 Not less than 1/8	111/445 108/672
			Petroleum Services, Inc.	J & J Enterprises, Inc.	Assignment	117/226
I			J & J Enterprises, inc.	Eastern American Energy Corporation	Assignment	159/139
			Eastern American Energy Corporation Energy Corporation of America	Energy Corporation of America	Assignment	240/498
<del></del> +			Energy Corporation of America Energy Corporation of America	Antero Resources Appalachian Corporation Antero Resources Appalachian Corporation	Assignment	272/307
			Energy Corporation of America	Antero Resources Appalachian Corporation  Antero Resources Appalachian Corporation	Assignment Assignment	328/648 424/486
			Antero Resources Appalachian Corporation	Antero Resources Corporation	Name Change	WVSOS
]			Antero Resources Corporation	CNX Gas Company LLC	Assignment	481/395
			Andanas Vau Olasata			
-	<del>- i</del>		Ardenna Kay Rienstra EIGG Land Umited	Antero Resources Corporation Antero Resources Corporation	Not less than 1/8 Not less than 1/8	417/6 423/255
			Robert Swesringen	Antero Resources Corporation	Not less than 1/8	423/255 420/516
				Antero Resources Corporation	Not less than 1/8	420/521
				Antero Resources Corporation	Not less than 1/8	417/624
				Antero Resources Corporation	Not less than 1/8	417/622
				Antero Resources Corporation	Not less than 1/8	427/281
				Antero Resources Corporation  Antero Resources Corporation	Not less than 1/8 Not less than 1/8	443/264
				Antero Resources Corporation	Not less than 1/8	443/259 474/66
				CNX Gas Company LLC	Assignment	481/395
			Antero Resources Corporation	CNX Gas Company LLC	Assignment	497/92
$\dashv$			Donald Reynolds, a/k/a Donald R. Reynolds	CALL COLOR OF THE CALL COLOR O		
-+				CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	76/213 496/575
				CNX Gas Company LLC	Not less than 1/8	496/568
			Pamela Sue Summers	CNX Gas Company LLC	Not less than 1/8	497/197
				CNX Gas Company LLC	Not less than 1/8	497/186
				CNX Gas Company LLC	Not less than 1/8	497/203
$\dashv$				CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	497/58 495/505
				CNX Gas Company LLC	Not less than 1/8	497/52
				CNX Gas Company LLC	Not less than 1/8	497/64
!				CMX Gas Company LLC	Not less than 1/8	497/422
				CNX Gas Company LLC	Not less than 1/8	497/557
-				CNX Gas Company LLC	Not less than 1/8	497/634
$\dashv$	+			CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	498/72 497/309
			Harold Wayne Hurst, a/k/a H. Wayne Hurst	CNX Gas Company LLC	Not less than 1/8	498/11
Ţ			Rodney Gale Smith	CNX Gas Company LLC	Not less than 1/8	498/95
- 1	1		Sandra S. DiGlacobbe f/k/a Sandra S. Hurst and Ronald D. DiGlacobbe,	CON C		
-+				CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	498/257
_				CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	498/287 498/292
				CNX Gas Company LLC	Not less than 1/8	498/297
Ţ			leffery Allen Kurst	CNX Gas Company LLC	Not less than 1/8	498/302
				CNX Gas Company LLC	Not less than 1/8	498/347
				CNX Gas Company LLC	Not less than 1/8	497/709
-+				CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	498/322
				CNX Gas Company LLC	Not less than 1/8	498/327 498/317
$\dashv$			lack Lee Smith and Cyndi Smith, h/w	CNX Gas Company LLC	Not less than 1/8	498/247
-			Norman L. Jackson	CNX Gas Company LLC	Not less than 1/8	498/332
				CNX Gas Company LLC	Not less than 1/8	487/389
+				CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	488/505
				CNX Gas Company LLC	Not less than 1/8	62/142 62/142
7			Michael Keith Gearhart	CNX Gas Company LLC	Not less than 1/8	62/142
-			Brian Philip Gearhart	CNX Gas Company LLC	Not less than 1/8	62/142
				CNX Gas Company LLC	Not less than 1/8	62/142
+				CNX Gas Company LLC	Not less than 1/8	62/142
$\pm$				CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	62/142 62/142
$\Box$				CNX Gas Company LLC	Not less than 1/8	62/142
			ilenn Richard Gray	CNX Gas Company LLC	Not less than 1/8	62/142
$\rightarrow$			Bruce Patrick Smith	CNIX Gas Company LLC	Not less then 1/8	62/142
				CNX Gas Company LLC	Not less than 1/8	62/142
				ONX Gas Company LLC	Name Land Albam S AS	62/142
$\dashv$				INX Gas Company LLC	Not less than 1/8 Not less than 1/8	62/142

	]	Ryan Wendel	Antero Resources Corporation	Not less than 1/8	474/76
		Gary Eugene Criner	Antero Resources Corporation	Not less than 1/8	417/16
		Jeremi Lyn Criner	Antero Resources Corporation	Not less than 1/8	420/195
		Sharon Lee Criner Griffith	Antero Resources Corporation	Not less than 1/8	420/501
	 	Cinda Lou Criner Lenham	Antero Resources Corporation	Not less than 1/8	420/506
		Jonathon L. Criner	Antero Resources Corporation	Not less than 1/8	428/11
	 	Gregory M. Smith	Antero Resources Corporation	Not less than 1/8	474/71
		Gwendolyn S. Neville	Antero Resources Corporation	Not less than 1/8	475/11
i	 <del>                                     </del>	Catherine A. Mark	Antero Resources Corporation	Not less than 1/8	441/342
	 	John W. Casto	Antero Resources Corporation	Not less than 1/8	441/345
	 <del></del>	Charles Larry Cottrill	Antero Resources Corporation	Not less than 1/8	419/591
	 	Cindy K. White	Antero Resources Corporation	Not less than 1/8	419/594
	 <del> </del>	Cathleen Shultz	Antero Resources Corporation	Not less than 1/8	419/597
	 <del> </del>		Antero Resources Corporation	Not less than 1/8	419/600
	 	Lois A. Arcuri		Not less than 1/8	419/603
	 	Kenneth Clinton Cottrill	Antero Resources Corporation		421/289
	 	Colin D. Goddard	Antero Resources Corporation	Not less than 1/8	
	 	Robert C. Goddard	Antero Resources Corporation	Not less than 1/8	421/277
	 ļ	Bonnie C. Persohn	Antero Resources Corporation	Not less than 1/8	422/160
	 	Addie Marie Leadmon	Antero Resources Corporation	Not less than 1/8	428/388
1	 	James A. Cottrill	Antero Resources Corporation	Not less than 1/8	438/622
	 	William C. Montgomery	Antero Resources Corporation	Not less than 1/8	420/652
	 I	Mary Lou Dawson	Antero Resources Corporation	Not less than 1/8	421/304
	 1	Rella M. Dawson	Antero Resources Corporation	Not less than 1/8	421/307
	 	Glenn H. Montgomery	Antero Resources Corporation	Not less than 1/8	421/283
$\neg$	 	John C. Montgomery	Antero Resources Corporation	Not less than 1/8	421/301
	 	Barbara Kay Montgomery	Antero Resources Corporation	Not less than 1/8	425/303
	 <del></del>	Benjaimen Jacob Criner	Antero Resources Corporation	Not less than 1/8	420/491
	 <del>                                     </del>	Richard P. Criner	Antero Resources Corporation	Not less than 1/8	427/600
	 <del> </del>			Not less than 1/8	422/435
	 <del></del>	Clifford Warren Montgomery	Antero Resources Corporation	Not less than 1/8	408/273
	 L	Tricia Lynn Howard	Antero Resources Corporation		408/2/3
]	 ļ	Jeffrey David Montgomery	Antero Resources Corporation	Not less than 1/8	
	 L	Scott Eric Montgomery	Antero Resources Corporation	Not less than 1/8	408/307
		Skylar Ora Montgomery	Antero Resources Corporation	Not less than 1/8	407/403
$\neg$		Kendra K. Wyke	Antero Resources Corporation	Not less than 1/8	417/104
		Robert W. Pernell	Antero Resources Corporation	Not less than 1/8	412/84
		Marilyn K. Pemeli	Antero Resources Corporation	Not less than 1/8	412/472
	 <del> </del> -	Sandra L Shirey	Antero Resources Corporation	Not less than 1/8	414/42
	 <del> </del>	Kimberly Ann Barnes	Antero Resources Corporation	Not less than 1/8	400/177
	 	Michael A. Barnes	Antero Resources Corporation	Not less than 1/8	400/182
	 <del> </del>		Antero Resources Corporation	Not less than 1/8	400/187
	 <u> </u>	Randy Loe Barnes		Not less than 1/8	406/56
	 <u></u>	Keren Sue Kinder	Antero Resources Corporation		
	 	Sherry Barker	Antero Resources Corporation	Not less than 1/8	405/268
		Harry Griffith	Antero Resources Corporation	Not less than 1/8	407/602
		Larry Griffith	Antero Resources Corporation	Not less than 1/8	407/597
		Lisa Meeks	Antero Resources Corporation	Not less than 1/8	407/592
		Connie Metz	Antero Resources Corporation	Not less than 1/8	408/282
	 	Joseph Smith	Antero Resources Corporation	Not less than 1/8	477/297
	 	Richard Walton and Barbara R. Walton	Antero Resources Corporation	Not less than 1/8	477/292
	 	Serah L. Albright	Antero Resources Corporation	Not less than 1/8	477/287
	 ·	Medley Brandl	Antero Resources Corporation	Not less than 1/8	401/189
	 	Sarah Boiling	Antero Resources Corporation	Not less than 1/8	400/247
	 	Antero Minerals LLC	Antero Resources Corporation	Not less than 1/8	494/220
			Matters resources curpotation		
			CAIN Con Company U.C.		
		Antero Resources Corporation	CNX Gas Company LLC	Assignment	481/395
		Antero Resources Corporation Antero Resources Corporation	CNX Gas Company LLC CNX Gas Company LLC		
		Antero Resources Corporation	CNX Gas Company LLC	Assignment Assignment	481/395 497/92
			CNX Gas Company LLC CNX Gas Company LLC	Assignment Assignment Not less than 1/8	481/395 497/92 493/166
		Antero Resources Corporation  Clydette Sherryl Cowgar, a/k/e Sheryl Clydette Cowgar  Kathleen Ann Perrish	CNX Gas Company LLC CNX Gas Company LLC CNX Gas Company LLC	Assignment Assignment Not less than 1/8 Not less than 1/8	481/395 497/92 493/166 494/556
		Antero Resources Corporation  Clydette Sherryl Cowgar, a/k/a Sheryl Clydette Cowgar	CNX Gas Company LLC CNX Gas Company LLC	Assignment Assignment  Not less than 1/8 Not less than 1/8 Not less than 1/8	481/395 497/92 493/166 494/556 494/701
		Antero Resources Corporation  Clydette Sherryl Cowgar, a file Sheryl Clydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, b/w	CNX Gas Company LLC CNX Gas Company LLC CNX Gas Company LLC	Assignment Assignment Not less than 1/8 Not less than 1/8	481/395 497/92 493/166 494/556
		Antero Resources Corporation  Clydette Sherryl Cowgar, a/k/e Sheryl Clydette Cowgar  Kathleen Ann Perrish	CNX Gas Company LLC	Assignment Assignment  Not less than 1/8 Not less than 1/8 Not less than 1/8	481/395 497/92 493/166 494/556 494/701
		Antero Resources Corporation  Clydette Sherryl Cowgar, a/k/a Sheryl Clydette Cowgar Kathleen Ann Parrish Defmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Ella Ruch Wathon	CNX Gas Company LLC	Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/705
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/e Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKlinney and Wanda R. McKlinney, t/w Linda McKlinney Mercer Elia Ruth Watkon Deward Whitehair, Jr.	CNX Gas Company LLC	Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/555 494/701 494/706 493/321
		Antero Resources Corporation  Clydette Sherryl Cowgar, a/k/a Sheryl Clydette Cowgar Kathleen Ann Parrish  Deirnas McKinney and Wanda R. McKinney, b/w  Linda McKinney Mercer  Ella Ruth Walton  Deward Whitehair, Jr.  Evelyn Jean Walton Bailey	CNX Gas Company LLC	Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/706 493/321 496/190
		Antero Resources Corporation  Clydette Sherryl Cowgar, a/k/s Sheryl Clydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, t/w Linda McKinney Mercer Ells Ruth Wathon Deward Whitehair, Jr. Evelyn Jean Walton Bailey James L. Hitt	CNX Gas Company LLC	Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/555 494/701 494/708 493/321 496/190 497/282
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/e Sheryl Chydette Cowgar Kathleen Ann Parrish Defmas McKinney and Wanda R. McKinney, k/w Linda McKinney Mercer Elia Ruth Walton Deward Whitehair, Jr. Evelyn Jean Walton Bailey James L. Hill: Tyoune Elizabeth Roberts, Sole Successor Trustee of the Pursglove	CNX Gas Company LLC	Assignment Assignment Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/708 493/321 496/190 497/282 497/192
		Antero Resources Corporation  Clydette Sherryl Cowgar, a/k/a Sheryl Clydette Cowgar Kathleen Ann Parrish  Delmas McKinney and Wanda R. McKinney, b/w  Linda McKinney Mercer Ella Ruth Walton  Deward Whitehair, Jr.  Evelyn Jean Walton Bailey  James L. Hitt  Yvonne Elizabeth Roberts, Sole Successor Trustee of the Puragiove  Family Trust, dated 2/7/2000	CNX Gas Company LLC	Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/706 493/321 496/190 497/182 497/192
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Defmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Ella Ruth Walton Deward Whitehair, ir. Evelyn Jean Walton Balley James L. Hitt Yuonne Elizabeth Roberts, Sole Successor Trustee of the Pursglove Family Trust, dated 2/7/2000  Cheryl A. Hampton, (f/k/a, Cheryl A. Snyder	CNX Gas Company LLC	Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/706 493/321 496/190 497/182 497/192 496/590 497/475
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/e Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, k/w Unda McKinney Mercer Ella Ruth Walton Deward Whitehair, Jr. Evelyn Jean Walton Bailey James L. Hitt Tyonne Elizabeth Roberts, Sole Successor Trustee of the Puragiove Family Trust, dated 2/7/2000 Cheryl A. Hampton, fl/k/a, Cheryl A. Snyder James Vincent Profaci	CNX Gas Company LLC	Assignment Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/701 494/703 493/321 495/190 497/282 497/192 496/590 497/475 497/37
		Antero Resources Corporation  Clydette Sherryl Cowgar, a/k/a Sheryl Clydette Cowgar Kathleen Ann Parrish  Delmas McKinney and Wanda R. McKinney, ty/w  Linda McKinney Mercer Ella Ruth Walton  Deward Whitehair, Jr.  Evelyn Jean Walton Balley  James L. Hilt  Yvonne Elizabeth Roberts, Sole Successor Trustee of the Puragiove  Family Trust, dated 2/7/2000  Cheryl A. Hampton, til/a, Cheryl A. Snyder  James Vincent Profaci	CNX Gas Company LLC	Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/706 493/321 496/190 497/282 497/192 496/590 497/37 496/195
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Defmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Ella Ruth Wathon Deward Whitehair, ir. Evelyn Jean Watton Balley James L. Hitt Yuonne Elizabeth Roberts, Sole Successor Trustee of the Pursglove Family Trust, dated 2/7/2000 Cheryl A. Hampton, (f/k/a, Cheryl A. Snyder James Vincent Profaci Diana Louise Pursglove Deverly O. Roy (f/k/a Beverly D. Merali and Ian Roy, w/h	CNX Gas Company LLC	Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/706 493/321 495/190 497/282 497/192 496/590 497/375 497/37 496/195 497/455
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, k/w Linda McKinney Mercer Ella Ruth Walton Deward Whitehair, Jr. Evelyn Jean Walton Bailey James L. Hilt Yvonne Elizabeth Roberts, Sole Successor Trustee of the Puraglove Family Trust, dated 2/7/2000 Cheryl A. Hampton, f/k/a, Cheryl A. Snyder James Vincent Profact Diana Louise Puraglove Beverfy D. Roy f/k/a Beverfy D. Merali and Ian Roy, w/h Debbie Bernes, a/k/a Debbie Summers	CNX Gas Company LLC	Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/701 494/702 493/321 495/190 497/282 497/292 496/190 497/37 496/195 497/37 496/195 497/356
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Defmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Ella Ruth Wathon Deward Whitehair, ir. Evelyn Jean Watton Balley James L. Hitt Yuonne Elizabeth Roberts, Sole Successor Trustee of the Pursglove Family Trust, dated 2/7/2000 Cheryl A. Hampton, (f/k/a, Cheryl A. Snyder James Vincent Profaci Diana Louise Pursglove Deverly O. Roy (f/k/a Beverly D. Merali and Ian Roy, w/h	CNX Gas Company LLC	Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/706 493/321 496/190 497/282 497/475 497/475 497/475 497/475 497/450
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, k/w Linda McKinney Mercer Ella Ruth Walton Deward Whitehair, Jr. Evelyn Jean Walton Bailey James L. Hilt Yvonne Elizabeth Roberts, Sole Successor Trustee of the Puraglove Family Trust, dated 2/7/2000 Cheryl A. Hampton, f/k/a, Cheryl A. Snyder James Vincent Profact Diana Louise Puraglove Beverfy D. Roy f/k/a Beverfy D. Merali and Ian Roy, w/h Debbie Bernes, a/k/a Debbie Summers	CNX Gas Company LLC	Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/706 493/321 496/190 497/282 497/192 496/590 497/475 497/475 497/455 497/455 497/450 497/480 497/470
		Antero Resources Corporation  Clydette Sherryl Cowgar, a/k/a Sheryl Clydette Cowgar Kathleen Ann Parrish  Delmas McKinney and Wanda R. McKinney, b/w  Linda McKinney Mercer Ella Ruth Walton  Deward Whitehair, Jr.  Evelyn Jean Walton Bailey  James L. Hilt  Yvonne Elirabeth Roberts, Sole Successor Trustee of the Puragiove  Family Trust, dated 2/7/2000  Cheryl A. Hampton, (fk/a, Cheryl A. Snyder  James Vincent Profact  Dana Louise Puragiove  Boverfy D. Roy fk/ka Beverhy D. Merali and Ian Roy, w/h  Debble Bernes, a/k/a Debble Summers  David Parks and Carla D. Parks h/w	CNX Gas Company LLC CXX Gas Company LLC	Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/701 494/702 493/321 496/190 497/282 497/292 496/590 497/475 497/37 496/195 497/455 497/455 497/450 497/450
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Ella Ruth Walton Deward Whitehair, Ir. Evelyn Jean Walton Balley James L. Hitt Yuonne Elizabeth Roberts, Sole Successor Trustee of the Pursgiove Family Trust, dated 2/7/2000  Cheryl A. Hampton, I/k/a, Cheryl A. Snyder James Vincent Profaci Diana Loulse Pursgiove Beverly D. Roy I/k/a Beverly D. Merali and Ian Roy, w/h Debble Bernes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law	CNX Gas Company LLC	Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/706 493/321 496/190 497/282 497/475 497/475 497/376 497/450 497/450 497/450 497/450 497/450 497/450 497/450
		Antero Resources Corporation  Clydette Sherryl Cowgar, a/k/a Sheryl Clydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, h/w Unda McKinney Mercer Elia Ruth Walton Deward Whitehair, Jr. Evelyn Jean Walton Bailey James L. Hilt Yuonne Elizabeth Roberts, Sole Successor Trustee of the Pursglove Family Trust, dated 2/7/2000 Cheryl A. Hampton, (fk/a, Cheryl A. Snyder James Vincent Profact Diana Louise Pursglove Beverfy D. Roy fk/a Beverfy D. Merali and Ian Roy, w/h Debble Barnes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnam	CNX Gas Company LLC	Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/701 494/703 493/321 496/190 497/282 497/292 496/590 497/475 497/37 496/195 497/455 497/455 497/450 497/450
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Ella Ruth Walton Deward Whitehair, ir. Evelyn Jean Walton Balley James L. Hitt Yuonne Elizabeth Roberts, Sole Successor Trustee of the Pursgiove Family Trust, dated 2/7/2000  Cheryl A. Hampton, i/k/a, Cheryl A. Snyder James Vincent Profaci Diana Loulse Pursgiove Beverly D. Roy i/k/a Beverly D. Merali and Ian Roy, w/h Debble Bernes, a/k/a Debble Summers David Parks and Carle D. Parks h/w Sandra Law Sonja Putnam Peggy Johnson Stephen M. Hiley	CNX Gas Company LLC	Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/556 494/706 493/321 496/190 497/282 497/475 497/475 497/475 497/476 497/456 497/456 497/456 497/456
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar  Kathleen Ann Parrish  Deirnas McKinney and Wanda R. McKinney, b/w  Linda McKinney Mercer  Ella Ruth Watton  Deward Whitehair, Jr.  Evelyn Jean Walton Bailey  James L. Hitt  Yoonne Elizabeth Roberts, Sole Successor Trustee of the Pursglove  Family Trust, dated 2/7/2000  Cheryl A. Hampton, fil/a, Cheryl A. Snyder  James Vincent Profact  Diana Louise Pursglove  Beveriy D. Roy lif/la Beveriy D. Merali and Ian Roy, w/h  Debbie Barnes, a/k/a Debbie Summers  David Parks and Carla D. Parks h/w  Sandra Law  Sonja Putnam  Peggy Johnson  Stephen M. Riley  Issae Criner	CNX Gas Company LLC CXX Gas CX	Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/706 493/221 496/190 497/282 497/192 496/590 497/475 497/375 497/375 497/376 497/376 497/376 497/376 497/361 497/361
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish  Delmas McKinney and Wanda R. McKinney, h/w  Linda McKinney Wercer  Ella Ruth Walton  Deward Whitehair, Jr.  Evelyn Jean Walton Balley  James L. Hitt  Ywoune Elizabeth Roberts, Sole Successor Trustee of the Pursglove  Family Trust, dated 2/7/2000  Cheryl A. Hampton, f/k/a, Cheryl A. Snyder  James Vincent Proface  Diana Louise Drusglove  Beverly D. Roy f/k/a Beverly D. Merali and Ian Roy, w/h  Debble Bernes, a/k/a Debble Summers  David Parks and Carla D. Parks h/w  Sandra Law  Sonja Putnam  Peggy Johnson  Stephen M. Niley  Isaac Criter  Chad W. Johnson	CNX Gas Company LLC	Assignment Assignment Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/703 493/321 496/190 497/282 497/292 496/590 497/475 497/37 496/195 497/456 497/456 497/366 497/366 497/366 497/366 497/366 497/366 497/366 497/366 497/366
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Ella Ruth Walton Deward Whitehair, ir. Evelyn Jean Walton Balley James L. Hitt Yuonne Elizabeth Roberts, Sole Successor Trustee of the Pursgiove Family Trust, dated 2/7/2000  Cheryl A. Hampton, I/k/a, Cheryl A. Snyder James Vincent Profaci Diana Loulse Pursgiove Beverly D. Roy I/k/a Beverly D. Merali and Ian Roy, w/h Debble Bernes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnem Peggy Johnson Stephen M. Kiley Isaac Criter Lames W. Ebbs James W. Ebbs	CNX Gas Company LLC	Assignment Assignment Assignment Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/700 493/321 496/190 497/282 497/192 496/195 497/475 497/37 496/195 497/456 497/456 497/366
		Antero Resources Corporation  Clydette Sherryl Cowgar, a/k/a Sheryl Clydette Cowgar Kathleen Ann Parrish  Delmas McKinney and Wanda R. McKinney, b/w  Linda McKinney Mercer  Ella Ruth Watton  Deward Whitehair, Jr.  Evelyn Jean Walton Bailey James L. Hitt  Ywonne Elizabeth Roberts, Sole Successor Trustee of the Puraglove Family Trust, dated 2/7/2000  Cheryl A. Hampton, (R/k)a, Cheryl A. Snyder  James Vincent Profaci  Diana Louise Puraglove  Beveriy D. Roy (R/k)a Beveriy D. Merali and Ian Roy, w/h  Debbie Bernes, a/k/a Debbie Summers  David Parks and Carla D. Parks h/w  Sandra Law  Sonja Putnam  Peggy Johnson  Stephen M. Hiley  Issae Criner  Chad W. Johnson  James W. Ebbs  Carole Hanlon	CNX Gas Company LLC	Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/706 493/321 496/190 497/192 496/590 497/192 496/590 497/475 497/37 496/195 497/476 497/476 497/386 497/486 497/386 497/386 497/566 497/566 497/566 497/566 497/566 497/566 497/566 497/566 497/566 497/566 497/566
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish  Delmas McKinney and Wanda R. McKinney, h/w  Linda McKinney Mercer  Ella Ruth Walton  Deward Whitehair, Jr.  Evelyn Jean Walton Balley James L. Hilt  Yvoune Elizabeth Roberts, Sole Successor Trustee of the Pursgiove Family Trust, dated 2/7/2000  Cheryl A. Hampton, fl/v/a, Cheryl A. Snyder  James Vincent Proface  Danas Louise Pursgiove  Bowerly D. Roy fl/k/a Beverly D. Merali and Ian Roy, w/h  Debble Barnos, a/k/a Debble Summers  David Paris and Carla D. Parks h/w  Sandra Law  Sonja Putnam  Peggy Johnson  Stephen M. Hiley  Isaac Criner  Chad W. Johnson  James W. Ebbs  Canole Hanion  Lane Barne Burrough a/k/a Janie Dlane Burrough	CNX Gas Company LLC CXX Gas Company LLC	Assignment Assignment Not less than 1/8	481/395 497/92 493/166 494/556 494/706 493/321 496/190 497/282 497/282 497/475 497/475 497/475 497/476 497/356 497/450
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Ella Ruth Walton Deward Whitehair, Jr. Evelyn Jean Walton Balley James L. Hitt Yuonne Elizabeth Roberts, Sole Successor Trustee of the Pursgiove Family Trust, dated 2/7/2000  Cheryl A. Hampton, I/k/a, Cheryl A. Snyder James Vincent Profaci Diana Louise Pursgiove Beverly D. Roy I/k/a Beverly D. Merali and Ian Roy, w/h Debble Bernes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnem Peggy Johnson Stephen M. Kiley Isaac Criner Chad W. Johnson James W. Ebbs Carrole Hanlon Jane Dane Burrough a/k/s Janle Diane Burrough Michael Deane Burrough a/k/s Janle Diane Burrough Michael Deane Walton	CNX Gas Company LLC	Assignment Assignment Assignment Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/700 493/321 496/190 497/282 497/192 496/395 497/495 497/495 497/496 497/496 497/496 497/496 497/496 497/496 497/496 497/496 497/496 497/496 497/496 497/496 497/496 497/496 497/396 497/396 497/396 497/396 497/396 497/396 497/396 497/396 497/396 497/396 497/396 497/396 497/396 497/396 497/396 497/396
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish  Delmas McKinney and Wanda R. McKinney, b/w  Linda McKinney Mercer  Ella Ruth Watton  Deward Whitehair, Jr.  Evelyn Jean Watton Bailey James L. Hitt  Yvonne Elizabeth Roberts, Sole Successor Trustee of the Puraglove Family Trust, dated 2/7/2000  Cheryl A. Hampton, (It/la, Cheryl A. Snyder James Vincent Profaci  Diana Louise Puraglove Beverly D. Roy (It/la Beverly D. Merali and Ian Roy, w/h Debble Bernes, a/k/a Debble Summers  David Parks and Carla D. Parks h/w Sandra Law  Sonja Putnam  Peggy Johnson  Stephen M. Hiley Issac Criner  Chad W. Johnson  James W. Ebbs  Carole Hanlon Jane Burrough a/k/a Janle Diane Burrough  Michael Dean Watton  Anita Jane Spadarfora	CNX Gas Company LLC CXX Gas Company LLC	Assignment Assignment  Not less than 1/8	481/395 497/92 493/166 494/556 494/556 494/701 494/706 493/321 496/590 497/282 497/392 496/590 497/475 497/37 496/195 497/456 497/456 497/366
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish  Delmas McKinney and Wanda R. McKinney, h/w  Linda McKinney Mercer  Ella Ruth Walton  Deward Whitehair, Jr.  Evelyn Jean Walton Balley  James L. Hilt  Yvoune Elizabeth Roberts, Sole Successor Trustee of the Pursglove  Family Trust, dated 2/7/2000  Cheryl A. Hampton, f/k/a, Cheryl A. Snyder  James Vincent Prolaci  Diana Louise Pursglove  Bowerly D. Roy f/k/a Beverly D. Merall and Ian Roy, w/h  Debble Barnes, a/k/a Debble Summers  David Parks and Carla D. Parks h/w  Sandra Law  Sonja Putnam  Peggy Johnson  Stephen M. Killey  Isaac Criner  Chad W. Johnson  James W. Ebbs  Canole Hanion  James W. Ebbs  Carole Hanion  Jame Barnough a/k/a Janie Diane Burrough  Michael Dean Walton  Anita Jane Spaddfora  Alice M. Bull	CNX Gas Company LLC CNX Ga	Assignment Assignment Not less than 1/8	481/395 497/92 493/166 494/556 494/556 494/701 494/706 493/321 496/590 497/475 497/475 497/475 497/476 497/676 497/676
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Ella Ruth Walton Deward Whitehair, Jr. Evelyn Jean Walton Balley James L. Hitt Yuonne Elizabeth Roberts, Sole Successor Trustee of the Pursgiove Family Trust, dated 2/7/2000  Cheryl A. Hampton, I/k/a, Cheryl A. Snyder James Vincent Profaci Diana Loule Pursgiove Beverly D. Roy I/k/a Beverly D. Merali and Ian Roy, w/h Debble Bernes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnem Peggy Johnson Stephen M. Kiley Isaac Criner Chad W. Johnson James W. Ebbs Carrole Hanlon Jane Dane Burrough a/k/a Sanle Diane Burrough Michael Dean Walton Anita Jane Spadafore Alice M. Bull Gery Lee Waton	CNX Gas Company LLC	Assignment Assignment Assignment Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/706 493/321 496/190 497/282 497/282 497/397 496/195 497/455 497/455 497/455 497/456 497/456 497/456 497/566
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish  Delmas McKinney and Wanda R. McKinney, h/w  Linda McKinney Mercer  Ella Ruth Walton  Deward Whitehair, Jr.  Evelyn Jean Walton Balley  James L. Hilt  Yvoune Elizabeth Roberts, Sole Successor Trustee of the Pursglove  Family Trust, dated 2/7/2000  Cheryl A. Hampton, f/k/a, Cheryl A. Snyder  James Vincent Prolaci  Diana Louise Pursglove  Bowerly D. Roy f/k/a Beverly D. Merall and Ian Roy, w/h  Debble Barnes, a/k/a Debble Summers  David Parks and Carla D. Parks h/w  Sandra Law  Sonja Putnam  Peggy Johnson  Stephen M. Killey  Isaac Criner  Chad W. Johnson  James W. Ebbs  Canole Hanion  James W. Ebbs  Carole Hanion  Jame Barnough a/k/a Janie Diane Burrough  Michael Dean Walton  Anita Jane Spaddfora  Alice M. Bull	CNX Gas Company LLC CNX Ga	Assignment Assignment Not less than 1/8	481/395 497/92 493/166 494/556 494/556 494/701 494/706 493/321 496/590 497/282 497/392 496/590 497/475 497/37 496/195 497/456 497/456 497/456 497/456 497/456 497/556 497/556 497/556 497/556 498/148 497/556 498/148 497/556 498/148 497/556 498/148 497/556 498/148 497/556 498/148 497/556 498/148 497/556 498/148 497/556 498/148 497/556 497/556 498/148
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish Delmas McKinney and Wanda R. McKinney, h/w Linda McKinney Mercer Ella Ruth Walton Deward Whitehair, Jr. Evelyn Jean Walton Balley James L. Hitt Yuonne Elizabeth Roberts, Sole Successor Trustee of the Pursgiove Family Trust, dated 2/7/2000  Cheryl A. Hampton, I/k/a, Cheryl A. Snyder James Vincent Profaci Diana Loule Pursgiove Beverly D. Roy I/k/a Beverly D. Merali and Ian Roy, w/h Debble Bernes, a/k/a Debble Summers David Parks and Carla D. Parks h/w Sandra Law Sonja Putnem Peggy Johnson Stephen M. Kiley Isaac Criner Chad W. Johnson James W. Ebbs Carrole Hanlon Jane Dane Burrough a/k/a Sanle Diane Burrough Michael Dean Walton Anita Jane Spadafore Alice M. Bull Gery Lee Waton	CNX Gas Company LLC	Assignment Assignment Assignment Not less than 1/8	481/395 497/92 493/166 494/556 494/701 494/706 493/321 496/190 497/282 497/282 497/397 496/195 497/455 497/455 497/455 497/456 497/456 497/456 497/566
		Antero Resources Corporation  Chydette Sherryl Cowgar, a/k/a Sheryl Chydette Cowgar Kathleen Ann Parrish  Delmas McKinney and Wanda R. McKinney, h/w  Linda McKinney Mercer  Ella Ruth Walton  Deward Whitehair, Jr.  Evelyn Jean Walton Balley  James L. Hitt  Yvoune Elizabeth Roberts, Sole Successor Trustee of the Pursglove  Family Trust, dated 2/7/2000  Cheryl A. Hampton, f/k/a, Cheryl A. Snyder  James Vincent Proface  Dana Louise Drusglove  Beverly D. Roy f/k/a Beverly D. Merali and Ian Roy, w/h  Debble Bernes, a/k/a Debble Summers  David Parks and Carla D. Parks h/w  Sandra Law  Sonja Punnam  Peggy Johnson  Stephen M. Niley  Lisaac Criner  Chad W. Johnson  James W. Ebbs  Carole Hanion  James W. Ebbs  Carole Hanion  Jame Burrough a/k/a Janie Diane Burrough  Mikhael Dean Walton  Anita Jane Spadafora  Alice M. Bull  Gary Lee Walton  Annette Jill Walton a/k/a Annette Jill Naylon  Jaxek Arnold Walton a/k/a Annette Jill Naylon  Jaxek Arnold Walton a/k/a Annette Jill Naylon	CNX Gas Company LLC	Assignment Assignment Not less than 1/8	481/395 497/92 493/166 494/556 494/556 494/701 494/706 493/321 496/590 497/282 497/392 496/590 497/475 497/37 496/195 497/456 497/456 497/456 497/456 497/456 497/556 497/556 497/556 497/556 498/148 497/556 498/148 497/556 498/148 497/556 498/148 497/556 498/148 497/556 498/148 497/556 498/148 497/556 498/148 497/556 498/148 497/556 497/556 498/148
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BGG Land Limited  Robert Swearingen  Antero Resources Corporation  Not less than J/L  Sandra Swearingen  Antero Resources Corporation  Not less than J/L  Charles W. Hendrickson and Elizabeth Hendrickson  Antero Resources Corporation  Not less than J/L  Warths Ann Hanner  Antero Resources Corporation  Not less than J/L  Warth Ann Hanner  Antero Resources Corporation  Not less than J/L  Warth Ann Hanner  Antero Resources Corporation  Not less than J/L  Warth Ann Hanner  Antero Resources Corporation  Not less than J/L  Warth Anne Soborner Hanner  Barbare G. Carh  Antero Resources Corporation  Not less than J/L  Antero Resources Corporation  Not less than J/L  Antero Resources Corporation  Not less than J/L  Antero Resources Corporation  OCK Gas Company LLC  Assignment  Antero Resources Corporation  CNG Gas Company LLC  Not less than J/L  Romad Genn Hunst  CNG Gas Company LLC  Not less than J/L  Romad Genn Hunst  Devel Letroy Giffy  CNG Gas Company LLC  Not less than J/L  Permis Sos Semment  CNG Gas Company LLC  Not less than J/L  Permis Sos Semment  CNG Gas Company LLC  Not less than J/L  Permis Sos Semment  CNG Gas Company LLC  Not less than J/L  Permis Sos Semment  CNG Gas Company LLC  Not less than J/L  Permis Sos Semment  CNG Gas Company LLC  Not less than J/L  Romad General Letroy Giffy  CNG Gas Company LLC  Not less than J/L  Romad General Letroy Giffy  CNG Gas Company LLC  Not less than J/L  Romad General Letroy Giffy  CNG Gas Company LLC  Not less than J/L  Romad General Letroy Giffy  CNG Gas Company LLC  Not less than J/L  Romad General Letroy Giffy  CNG Gas Company LLC  Not less than J/L  Romad General Letroy Giffy  CNG Gas Company LLC  Not less than J/L  Romad General Letroy Giffy  CNG Gas Company LLC  Not less than J/L  Romad General Letroy Giffy  CNG Gas Company LLC  Not less than J/L  Romad General Letroy Giffy Gen				Ardenna Kay Rienstra	Antero Resources Corporation	Not less than 1/8	417/6
Sandra Sweetringen Antero Resources Corporation Not less than J/L Charles W. Hendrickson and Elizabeth Hendrickson Antero Resources Corporation Not less than J/L Refer J. Solder Antero Resources Corporation Not less than J/L Marcha Ann Hannes Antero Resources Corporation Not less than J/L Marcha Ann Hannes Antero Resources Corporation Not less than J/L Refer Resources Corporation OX Gas Company I/L Antero Resources Corporation Antero Resources Corporation OX Gas Company I/L Antero Resources Corporation OX Gas Company I/L Antero Resources Corporation OX Gas Company I/L Refer Refer Resources Corporation OX Gas Company I/L Refer Resources Company I/L Refer Refer Resources Company I/L Refer Resources Company I/L Refer Re						Not less than 1/8	423/255
Cauries W. Hendrickson and Elbabeth Hendrickson Antero Resources Corporation Micro Anni Notes to San J. March Resources Corporation March Anni Notes San J. March Antero Resources Corporation Mort less than J. March Anni Notes San J. March Antero Resources Corporation Mort less than J. March Antero Resources Corporation CNG Gas Corporaty LLC Not less than J. March All March Allen Angels Fay Miller Angels Fay Miller Antero Resources Corporation CN				Robert Swearingen	Antero Resources Corporation	Not less than 1/8	420/516
Terry L. Solder Martha Ann Nanes Martha Ann Nanes Antero Resources Corporation Not less than J/L Martha Ann Nanes Antero Resources Corporation Not less than J/L Martha Ann Nanes Antero Resources Corporation Not less than J/L Martha Globarne Ranes Antero Resources Corporation Not less than J/L Antero Resources Corporation OX Gas Cornayary LLC Assignment Antero Resources Corporation OX Gas Cornayary LLC Assignment Antero Resources Corporation OX Gas Cornayary LLC Not less than J/L Resources Gorporation OX Gas Cornayar							420/521
Marths Ann Hanes Mary Garland Hanes Antero Resources Corporation Not less than 1/I Nicholas Glubrem Hanes Antero Resources Corporation Not less than 1/I Surfare G. Cark Antero Resources Corporation OXI Gas Company LL Assignment OXI Gas Company LL Not less than 1/I Rendal Giern Harst OXI Gas Company LL Not less than 1/I Rendal Giern Harst OXI Gas Company LL Not less than 1/I Permels bus Summers OXI Gas Company LL Not less than 1/I Permels bus Summers OXI Gas Company LL Not less than 1/I David Lorry Girty OXI Gas Company LL Not less than 1/I Oxid Charles Rivert OXI Gas Company LL Not less than 1/I Oxid Charles Rivert OXI Gas Company LL Not less than 1/I Oxid G							417/624
Mary Garland Haese  Micholes Gibbren Hanes  Micholes Gibbren Hanes  Antero Resources Corporation  Not less than J/  Antero Resources Corporation  Antero Resources Corporation  Antero Resources Corporation  Antero Resources Corporation  CW Gas Company LLC  Assignment  Donald Reynolds, a/l/a Donald R. Reynolds  GW Gas Company LLC  Not less than J/  Roreld Gleen Hunst  Oxid Gas Company LLC  Not less than J/  Roreld Gleen Hunst  OXID Gas Company LLC  Not less than J/  I James Lee Hunst, 5-  OXID Gas Company LLC  Not less than J/  Pamels Sus Summers  OXID Gas Company LLC  Not less than J/  Rothy Mark Fenstremaker  OXID Gas Company LLC  Not less than J/  Rothy Mark Fenstremaker  OXID Gas Company LLC  Not less than J/  David Lerry Groy  CWX Gas Company LLC  Not less than J/  David Lerry Groy  OXID Gas Company LLC  Not less than J/  Westable Energy Partners, LLC  OXID Gas Company LLC  Not less than J/  Westable Energy Partners, LLC  OXID Gas Company LLC  Not less than J/  Und Sus Oxid Gar Company LLC  Not less than J/  Westable Energy Partners, LLC  OXID Gas Company LLC  Not less than J/  Und Sus Oxid Gas Company LLC  Not less than J/  Westable Energy Partners, LLC  OXID Gas Company LLC  Not less than J/  Westable Energy Partners, LLC  OXID Gas Company LLC  Not less than J/  Westable Energy Partners, LLC  OXID Gas Company LLC  Not less than J/  Westable Energy Partners, LLC  OXID Gas Company LLC  Not less than J/  Westable Energy Partners, LLC  OXID Gas Company LLC  Not less than J/  Westable Energy Partners, LLC  OXID Gas Company LLC  Not less than J/  Westable Energy Partners, LLC  OXID Gas Company LLC  Not less than J/  Westable Energy Partners, LLC  OXID Gas Company LLC  Not less than J/  Westable Energy Partners, LLC  OXID Gas Company LLC  Not less than J/  Not less than J/  OXID Gas Company LLC  Not less than J/  Not less than J/  OXID Gas Company LLC  Not less than J/  Not less than J/  Not less than J/  OXID Gas Company LLC  Not less than J/  Not less than J/  OXID Gas Company LLC  Not less than J/  Not less th							417/622 427/281
Nicholas Glüchme Hannes  Sarbara G. Clark  Antero Resources Corporation  CNX Gas Company LLC  Assignment  Antero Resources Corporation  CNX Gas Company LLC  Assignment  Dendel Reynolds, a // a Donald R. Reynolds  CNX Gas Company LLC  Not less than J/I  Ronald Glenn Hunst  I James Lee Hunst, Sr.  CNX Gas Company LLC  Not less than J/I  James Lee Hunst, Sr.  CNX Gas Company LLC  Not less than J/I  Retry Male Fentatemaker  CNX Gas Company LLC  Not less than J/I  Retry Male Fentatemaker  CNX Gas Company LLC  Not less than J/I  Budd Leroy Gray  CNX Gas Company LLC  Not less than J/I  David Leroy Gray  CNX Gas Company LLC  Not less than J/I  David Leroy Gray  CNX Gas Company LLC  Not less than J/I  Westlabe Energy Partners, LLC  CNX Gas Company LLC  Not less than J/I  Westlabe Energy Partners, LLC  CNX Gas Company LLC  Not less than J/I  Unda Sus Obzendine  CNX Gas Company LLC  Not less than J/I  Unda Sus Obzendine  CNX Gas Company LLC  Not less than J/I  Unda Sus Obzendine  CNX Gas Company LLC  Not less than J/I  Surfara L. Willion  Costheiron L. Solleder  CNX Gas Company LLC  Not less than J/I  Not less than J/I  Surfara L. Willion  Costheiron L. Solleder  CNX Gas Company LLC  Not less than J/I  Reduced Republic Repub							443/254
Sachars G. Clark Antero Resources Corporation Anterio Resources Corporation Anterio Resources Corporation ONI Gas Company LC Assignment Anterio Resources Corporation ONI Gas Company LC Assignment Donald Reynolds, a/k/a Donald R. Reynolds ONI Gas Company LC Not less than J/ Renald Gleen Hurst ONI Gas Company LC Not less than J/ James Lee Hurst, Sr. CIXI Gas Company LC Not less than J/ James Lee Hurst, Sr. CIXI Gas Company LC Not less than J/ Renald Gleen Hurst ONI Gas Company LC Not less than J/ Renald Sus Surmours ONI Gas Company LC Not less than J/ Rest Sun James Lee Hurst, Sr. CIXI Gas Company LC Not less than J/ Rest Lee Hurst One Gas Company LC Not less than J/ Rest Lee Hurst One Gas Company LC Not less than J/ Ord Charles Hurst ONI Gas Company LC Not less than J/ Westake Energy Partners, LLC ONI Gas Company LC Not less than J/ Cynthia Gray ONI Gas Company LC Not less than J/ India Sus Generine ONI Gas Company LC Not less than J/ India Sus Generine ONI Gas Company LC Not less than J/ Rest Lee Lee Lee Lee Lee Lee Lee Lee Lee Le	-						443/259
Antero Resources Corporation  Antero Resources Corporation  Antero Resources Corporation  Oxio Gas Company LLC  Assignment  Decaded Reynolds, a full a Donald R. Reynolds  Ronald Glenn Horist  Assess Lee Hurst, 5  CHC Gas Company LLC  Not less than 1/1  James Lee Hurst, 5  CHC Gas Company LLC  Not less than 1/1  Resources Lee Hurst, 5  CHC Gas Company LLC  Not less than 1/1  Rathy Mae Fentermaker  CHC Gas Company LLC  Not less than 1/1  David Lervy Gray  CHC Gas Company LLC  Not less than 1/1  David Lervy Gray  CHC Gas Company LLC  Not less than 1/1  Not less than 1/1  Weststive Energy Partners, LLC  CHC Gas Company LLC  Not less than 1/1  Not less than 1/1  Linds Sue Ozendine  CHC Gas Company LLC  Not less than 1/1  In Hurst  CHC Gas Company LLC  Not less than 1/1  Gitty Ann Sems  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas Hurst  CHC Gas Company LLC  Not less than 1/1  Gas						Not less than 1/8	474/66
Donald Reynolds, s/fs/a Donald R. Reynolds  Donald Glenn Hunst  Roradd Leroy Groy  CNX Gas Company LLC  Not less than 1/f  Rothy Mae Fenstermaker  CNX Gas Company LLC  Not less than 1/f  Roradd Leroy Groy  CNX Gas Company LLC  Not less than 1/f  Roradd Leroy Groy  CNX Gas Company LLC  Not less than 1/f  Roradd Leroy Groy  CNX Gas Company LLC  Not less than 1/f  Roradd Leroy Groy  CNX Gas Company LLC  Not less than 1/f  Roradd Leroy Groy  CNX Gas Company LLC  Not less than 1/f  Roradd Leroy Groy  CNX Gas Company LLC  Not less than 1/f  Roradd Leroy Groy  Roradd Leroy  Roradd Leroy  Roradd Leroy Groy  Roradd Leroy  Roradd Leroy  Roradd Leroy						Assignment	481/395
Ronald Glenn Hurst James Lee Hurst, 5r. James Lee Hurst, 5r. Pamela Sue Summers CKK Ges Company LLC Not less than 1/1 Kattly Mae Fenstermaker CKK Ges Company LLC Not less than 1/1 David Leroy Gray CKK Ges Company LLC Not less than 1/1 David Leroy Gray CKK Ges Company LLC Not less than 1/1 Cynthia Gray CKK Ges Company LLC Not less than 1/1 Cynthia Gray CKK Ges Company LLC Not less than 1/1 Cynthia Gray CKK Ges Company LLC Not less than 1/1 Cynthia Gray CKK Ges Company LLC Not less than 1/1 Cynthia Gray CKK Ges Company LLC Not less than 1/1 C				Antero Resources Corporation	CNX Gas Company LLC	Assignment	497/92
Ronald Glenn Hurst James Lee Hurst, 5r. James Lee Hurst, 5r. Pamela Sue Summers CKK Ges Company LLC Not less than 1/1 Kattly Mae Fenstermaker CKK Ges Company LLC Not less than 1/1 David Leroy Gray CKK Ges Company LLC Not less than 1/1 David Leroy Gray CKK Ges Company LLC Not less than 1/1 Cynthia Gray CKK Ges Company LLC Not less than 1/1 Cynthia Gray CKK Ges Company LLC Not less than 1/1 Cynthia Gray CKK Ges Company LLC Not less than 1/1 Cynthia Gray CKK Ges Company LLC Not less than 1/1 Cynthia Gray CKK Ges Company LLC Not less than 1/1 C							70.500
James Lee Hurst, Sr.  Pamel Soe Summers  CKK Gas Company LLC  Not less than 1/I  Rathy Mae Fentatemaker  CKK Gas Company LLC  Not less than 1/I  David Leroy Gray  CKK Gas Company LLC  Not less than 1/I  David Leroy Gray  CKK Gas Company LLC  Not less than 1/I  David Charles Hurst  CHK Gas Company LLC  Not less than 1/I  Westable Energy Partners, LLC  CKK Gas Company LLC  Not less than 1/I  Cynthia Gray  CMK Gas Company LLC  Not less than 1/I  Linds Sue Outendibe  CKK Gas Company LLC  Not less than 1/I  Rot less than 1/I  Rot less than 1/I  Kitty Ann Sams  CNK Gas Company LLC  Not less than 1/I  Catherino L. Snider  CMK Gas Company LLC  Not less than 1/I  Catherino L. Snider  CMK Gas Company LLC  Not less than 1/I  Barbara L. Willson  CMK Gas Company LLC  Not less than 1/I  Barbara L. Willson  CMK Gas Company LLC  Not less than 1/I  Rot less than 1/I  Rothery Gas Smith  CMK Gas Company LLC  Not less than 1/I  Not less than 1/I  Rothery Gas Smith  CMK Gas Company LLC  Not less than 1/I  Rothery Gas Smith  CMK Gas Company LLC  Not less than 1/I  Rothery Gas Smith  CMK Gas Company LLC  Not less than 1/I  Rothery Gas Smith  CMK Gas Company LLC  Not less than 1/I  Rothery Gas Smith  CMK Gas Company LLC  Not less than 1/I  Rothery Gas Smith  CMK Gas Company LLC  Not less than 1/I  Rothery Gas Smith  CMK Gas Company LLC  Not less than 1/I  Rothery Allen Hurst  CMK Gas Company LLC  Not less than 1/I  Rothery Allen Hurst  CMK Gas Company LLC  Not less than 1/I  Rothery Allen Hurst  CMK Gas Company LLC  Not less than 1/I  Rothery Allen Hurst  CMK Gas Company LLC  Not less than 1/I  Rothery Allen Hurst  CMK Gas Company LLC  Not less than 1/I  Rothery Allen Hurst  CMK Gas Company LLC  Not less than 1/I  Rothery Allen Hurst  CMK Gas Company LLC  Not less than 1/I  Rothery Allen Hurst  CMK Gas Company LLC  Not less than 1/I  Rothery Allen Hurst  CMK Gas Company LLC  Not less than 1/I  Rothery Allen Hurst  CMK Gas Company LLC  Not less than 1/I  Rothery Allen Hurst  CMK Gas Company LLC  Not less than 1/I  Rothery Allen Hurst							76/213 496/575
Permela Sue Summers  CRX Gas Company LLC  Not less than 1/1  David Charles Hunst  David Leroy Groy  CRX Gas Company LLC  Not less than 1/1  Westake Energy Partners, LLC  CRX Gas Company LLC  Not less than 1/1  Westake Energy Partners, LLC  CRX Gas Company LLC  Not less than 1/1  Cynthia Gray  CRX Gas Company LLC  Not less than 1/1  Linda Sue Oxendine  CRX Gas Company LLC  Not less than 1/1  In the Hunst  CRX Gas Company LLC  Not less than 1/1  In the Hunst  CRX Gas Company LLC  Not less than 1/1  Ritty Ann Sams  CRX Gas Company LLC  Not less than 1/1  Ritty Ann Sams  CRX Gas Company LLC  Not less than 1/1  Rathar L Wilson  CRX Gas Company LLC  Not less than 1/1  Rathar L Wilson  CRX Gas Company LLC  Not less than 1/1  Rathar Acquitation Fund, LLC  CRX Gas Company LLC  Not less than 1/1  Rathar Acquitation Fund, LLC  CRX Gas Company LLC  Not less than 1/1  Rathar Acquitation Fund, LLC  CRX Gas Company LLC  Not less than 1/1  Rathar Acquitation Fund, LLC  CRX Gas Company LLC  Not less than 1/1  Rathar Acquitation Fund, LLC  CRX Gas Company LLC  Not less than 1/1  Rathar Acquitation Fund, LLC  CRX Gas Company LLC  Not less than 1/1  Rathar Acquitation Fund, LLC  CRX Gas Company LLC  Not less than 1/1  Rathar Acquitation Fund, LLC  CRX Gas Company LLC  Not less than 1/1  Rathar Acquitation Fund, LLC  Not less than 1/1  Rathar Fund Fund Fund Fund Fund Fund Fund Fund							496/568
Exity Mae Fenstermaker		-				Not less than 1/8	497/197
David Charles Hurst Westshabe Energy Partners, LLC CRX Gas Company LLC Not less than 1/I Cynthia Gray ONG Gas Company LLC Not less than 1/I Linda Sue Ozendine CRX Gas Company LLC Not less than 1/I Linda Sue Ozendine CRX Gas Company LLC Not less than 1/I Ritty Ann Saris CRX Gas Company LLC Not less than 1/I Ritty Ann Saris CRX Gas Company LLC Not less than 1/I Ritty Ann Saris CRX Gas Company LLC Not less than 1/I Ritty Ann Saris CRX Gas Company LLC Not less than 1/I Rardran L William CRX Gas Company LLC Not less than 1/I Rardran L William Aunth Acquisition Fund, LLC CRX Gas Company LLC Not less than 1/I Rardra Wayne Hurst, a/I/a H. Wayne Nurst CRX Gas Company LLC Not less than 1/I Rardran Saria						Not less than 1/8	497/186
Westiake Energy Partners, LLC CRX Gas Company LLC Not less than 1/1 Linda Sue Oxendine Not less than 1/1 Linda Sue Oxendine CRX Gas Company LLC Not less than 1/1 Catherine L. Snider CRX Gas Company LLC Not less than 1/1 Rambara L. Wilson CRX Gas Company LLC Not less than 1/1 Rambara L. Wilson CRX Gas Company LLC Not less than 1/1 Rambara L. Wilson CRX Gas Company LLC Not less than 1/1 Rambara L. Wilson CRX Gas Company LLC Not less than 1/1 Rambara L. Wilson Not less than 1/1 Rambara L. Wilson CRX Gas Company LLC Not less than 1/1 Rambara L. Wilson CRX Gas Company LLC Not less than 1/1 Rambara S. DiGiacobbe f/k/a Sandra S. Hurst and Ronald D. DiGiacobbe, W/h Sandra S. DiGiacobbe f/k/a Sandra S. Hurst and Ronald D. DiGiacobbe, W/h Rambara S. DiGiacobbe f/k/a Sandra S. Hurst and Ronald D. DiGiacobbe, CRX Gas Company LLC Not less than 1/1 Rebecca Ann Goff CRX Gas Company LLC Not less than 1/1 Rebecca Ann Goff CRX Gas Company LLC Not less than 1/1 Rebecca Ann Goff CRX Gas Company LLC Not less than 1/1 Rebecca Ann Goff CRX Gas Company LLC Not less than 1/1 Referen Allen Rurst CRX Gas Company LLC Not less than 1/1 Referen Allen Rurst CRX Gas Company LLC Not less than 1/1 Referen Allen Rurst CRX Gas Company LLC Not less than 1/1 Referen Allen Rurst CRX Gas Company LLC Not less than 1/1 Referen Allen Rurst CRX Gas Company LLC Not less than 1/1 Referen Allen Rurst CRX Gas Company LLC Not less than 1/1 Referen Allen Rurst CRX Gas Company LLC Not less than 1/1 Referen Allen Rurst CRX Gas Company LLC Not less than 1/1 Referen Allen Rurst CRX Gas Company LLC Not less than 1/1 Referen Allen Rurst CRX Gas Company LLC Not less than 1/1 Referen Rurst CRX Gas Company LLC Not less than 1/1 Referen Rurst and CRX Gas Company LLC Not less than 1/1 Referen Rurst and CRX Gas Company LLC Not less than 1/1 Referen Rurst and CRX Gas Company LLC Not less than 1/1 Referen Rurst and CRX Gas Company L						Not less than 1/8	497/203
Cynthia Gray  Linds Sue Oxerdine  CNR Gas Company LLC  Not less than 1/1  Fine Hurst  CNR Gas Company LLC  Not less than 1/1  Kitty Ann Sams  CNR Gas Company LLC  Not less than 1/1  Catherine L. Snider  Barbara L. Wilson  CNR Gas Company LLC  Not less than 1/1  Barbara L. Wilson  CNR Gas Company LLC  Not less than 1/1  Barbara L. Wilson  CNR Gas Company LLC  Not less than 1/1  Rodney Gale Smith  CNR Gas Company LLC  Not less than 1/1  Rodney Gale Smith  CNR Gas Company LLC  Not less than 1/1  Rodney Gale Smith  CNR Gas Company LLC  Not less than 1/1  Rodney Gale Smith  CNR Gas Company LLC  Not less than 1/1  Sandra S. DiGiacobbe f/N/a Sandra S. Hurst and Ronald D. DiGiacobbe, w/h  Angela Fay Miller  CNR Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  CNR Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  CNR Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  CNR Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  CNR Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  CNR Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  CNR Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  CNR Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  CNR Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  CNR Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  CNR Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  CNR Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  CNR Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  CNR Gas Company LLC  Not less than 1/1  Rebecca Company LLC  No							497/58
Linda Sue Oxendine  ONK Gas Company LLC  Not less than 1/1  Kitty Ann Sems  ONK Gas Company LLC  Not less than 1/1  Kitty Ann Sems  ONK Gas Company LLC  Not less than 1/1  Barbara L. Wilson  ONK Gas Company LLC  Not less than 1/1  Barbara L. Wilson  ONK Gas Company LLC  Not less than 1/1  Aunux Acquistlon Fund, LLC  ONK Gas Company LLC  Not less than 1/1  Aunux Acquistlon Fund, LLC  ONK Gas Company LLC  Not less than 1/1  Rodney Gale Smith  Rodney Gale Smith  ONK Gas Company LLC  Not less than 1/1  Rodney Gale Smith  Sandra S. DiGlacobbe fl/la Sandra S. Hurst and Ronald D. DiGlacobbe,  w/h  Angela Fay Miller  ONK Gas Company LLC  Not less than 1/1  Angela Fay Miller  ONK Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  ONK Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  ONK Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  ONK Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  ONK Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  ONK Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  ONK Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  ONK Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  ONK Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  ONK Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  ONK Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  ONK Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  ONK Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  ONK Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  ONK Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  ONK Gas Company LLC  Not less than 1/1  Norman L. Jackson and Andrea Jackson, b/w  ONK Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  ONK Gas Company LLC  Not less than 1/1  Norman L. Jackson  ONK Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  ONK Gas Company LLC  Not less than 1/1  Nort Less than 1/1  Rebecca Ann Goff  ONK Gas Company LLC  Not less than 1/1  Not less than 1/1  Nort Less than 1/1  Nort Less than 1/1  Not Less than 1/1  Nort Less than 1/1  Nort Less than 1/1  Not Le							495/505 497/52
Tina Hurst CNX Gas Company LC Not less than 1/1 Kitty Ann Serns CNX Gas Company LC Not less than 1/1 Catherino L. Snider CNX Gas Company LC Not less than 1/1 Barbara L. Wilton CNX Gas Company LC Not less than 1/1 Aunts Acquisition Fund, LLC CNX Gas Company LC Not less than 1/1 Harold Wayne Hurst, a/l/a H. Wayne Hurst CNX Gas Company LC Not less than 1/1 Rodney Gale Smith CNX Gas Company LC Not less than 1/1 Sandra S, DiGlacobbe fl//a Sandra S. Hurst and Ronald D. DiGlacobbe, w/h Angela Fay Miller CNX Gas Company LC Not less than 1/1 Rebecca Ann Goff CNX Gas Company LC Not less than							497/64
Kitty Ann Sams		-				Not less than 1/8	497/422
Catherine L. Snider  CNX Gas Company LLC  Not less than 1/f Barbara L. Wilson  (NX Gas Company LLC  Not less than 1/f Aunits Acquisition Fund, LLC  (NX Gas Company LLC  Not less than 1/f Rodney Gale Smith  Rodney Gale Smith  Sendra S. DiGlacobbe flx/a Sandra S. Hurst and Ronald D. DiGlacobbe, w/h  Sendra S. DiGlacobbe flx/a Sandra S. Hurst and Ronald D. DiGlacobbe, w/h  CNX Gas Company LLC  Not less than 1/f  Angela Fay Miller  CNX Gas Company LLC  Not less than 1/f  Rebecca Ann Goff  CNX Gas Company LLC  Not less than 1/f  Rebecca Ann Goff  CNX Gas Company LLC  Not less than 1/f  Rebecca Ann Goff  CNX Gas Company LLC  Not less than 1/f  Rebecca Ann Goff  CNX Gas Company LLC  Not less than 1/f  Rebecca Ann Goff  CNX Gas Company LLC  Not less than 1/f  Rehard Duane Jackson  CNX Gas Company LLC  Not less than 1/f  Rehard Duane Rurst  CNX Gas Company LLC  Not less than 1/f  Rehard Duane Rurst  CNX Gas Company LLC  Not less than 1/f  Rehard Duane Rurst  CNX Gas Company LLC  Not less than 1/f  Rehard Duane And Andrea Jackson, h/w  CNX Gas Company LLC  Not less than 1/f  Mark Allen Jackson and Andrea Jackson, h/w  CNX Gas Company LLC  Not less than 1/f  Norman L Jackson  CNX Gas Company LLC  Not less than 1/f  Norman L Jackson  CNX Gas Company LLC  Not less than 1/f  Norman L Jackson  CNX Gas Company LLC  Not less than 1/f  Norman L Jackson  CNX Gas Company LLC  Not less than 1/f  Norman L Jackson  CNX Gas Company LLC  Not less than 1/f  Norman L Jackson  CNX Gas Company LLC  Not less than 1/f  Norman L Jackson  CNX Gas Company LLC  Not less than 1/f  Norman L Jackson  CNX Gas Company LLC  Not less than 1/f  Norman L Jackson  CNX Gas Company LLC  Not less than 1/f  Norman L Jackson  CNX Gas Company LLC  Not less than 1/f  Norman L Jackson  CNX Gas Company LLC  Not less than 1/f  Norman L Jackson  CNX Gas Company LLC  Not less than 1/f  Norman L Jackson  Norman L Jackson  CNX Gas Company LLC  Not less than 1/f  Norman L Jackson						Not less than 1/8	497/557
Aunix Acquistion Fund, LLC  Harold Wayne Hurst, a/k/a H. Wayne Hurst  Rodeng Gels Smith  Rodeng Gels Smith  Sandra S. DiGiacobbe f/k/a Sandra S. Hurst and Ronald D. DiGiacobbe, w/h  Angels Fay Miller  CNX Ges Company LLC  Not less than 1/l  Angels Fay Miller  CNX Ges Company LLC  Not less than 1/l  Rebecca Ann Goff  CNX Ges Company LLC  Not less than 1/l  Stephen Duane Jackson  CNX Ges Company LLC  Not less than 1/l  Reherand Burnet  Reffery Allen Hurst  CNX Ges Company LLC  Not less than 1/l  Reffery Allen Hurst  CNX Ges Company LLC  Not less than 1/l  Rehard Duane Hurst  CNX Ges Company LLC  Not less than 1/l  Rehard Duane Hurst  CNX Ges Company LLC  Not less than 1/l  Rehard Duane Hurst  CNX Ges Company LLC  Not less than 1/l  Rehard Burnet Bernet  CNX Ges Company LLC  Not less than 1/l  Ed Broome, Inc.  CNX Ges Company LLC  Not less than 1/l  Gewendalyn Rae Swartzfager f/k/a Gwendalyn Rae Rose  CNX Ges Company LLC  Not less than 1/l  Mark Allen Jackson and Andrea Jackson, h/w  CNX Ges Company LLC  Not less than 1/l  Jack Lee Smith and Cyndi Smith, h/w  CNX Ges Company LLC  Not less than 1/l  Annette N. Davis and David A. Davis  CNX Ges Company LLC  Not less than 1/l  Annette N. Davis and David A. Davis  CNX Ges Company LLC  Not less than 1/l  Ruth Ann Nicholson  CNX Ges Company LLC  Not less than 1/l  Ruth Ann Nicholson  CNX Ges Company LLC  Not less than 1/l  Ruth Ann Nicholson  CNX Ges Company LLC  Not less than 1/l  Ruth Ann Nicholson  CNX Ges Company LLC  Not less than 1/l  Refers Philip Gearhart  CNX Ges Company LLC  Not less than 1/l  Refers Philip Gearhart  CNX Ges Company LLC  Not less than 1/l  Refers Philip Gearhart  CNX Ges Company LLC  Not less than 1/l  Refers Philip Gearhart  CNX Ges Company LLC  Not less than 1/l  Refers Philip Gearhart  CNX Ges Company LLC  Not less than 1/l  Refers Philip Gearhart  CNX Ges Company LLC  Not less than 1/l  Refers Philip Gearhart  CNX Ges Company LLC  Not less than 1/l  Refers Philip Gearhart  CNX Ges Company LLC  Not less than 1/l  Refers Philip Ander Gearhar		$\neg$				Not less than 1/8	497/634
Harold Wayne Hurst, a/k/a H. Wayne Hurst  Rodney Gale Smith  Rod Instant J/I  Sandra S. DiGliacobbe f/k/a Sandra S. Hurst and Ronald D. DiGlacobbe, w/h  Rod Gas Company LLC  Rot Gas Company LLC  Rot Isas than J/I  Rebecca Ann Goff  CNX Gas Company LLC  Rot Isas than J/I  Stephen Duane Jackson  CNX Gas Company LLC  Rot Isas than J/I  Richard Duane Jackson  CNX Gas Company LLC  Rot Isas than J/I  Richard Duane Hurst  CNX Gas Company LLC  Rot Isas than J/I  Richard Duane Hurst  CNX Gas Company LLC  Rot Isas than J/I  Bd Broome, Inc.  CNX Gas Company LLC  Rot Isas than J/I  Gwendalyn Rae Swartzfager f/k/a Gwendalyn Rae Rose  CNX Gas Company LLC  Rot Isas than J/I  Mark Allen Jackson and Andrea Jackson, h/w  CNX Gas Company LLC  Rot Isas than J/I  Jack Lee Smith and Cyndi Smith, h/w  CNX Gas Company LLC  Rot Isas than J/I  Roman L Jackson  CNX Gas Company LLC  Rot Isas than J/I  Roman L Jackson  CNX Gas Company LLC  Rot Isas than J/I  Roman L Jackson  CNX Gas Company LLC  Rot Isas than J/I  Roman L Jackson  CNX Gas Company LLC  Rot Isas than J/I  Roth Ann Richolson  CNX Gas Company LLC  Rot Isas than J/I  Maria Alexandrovna Stlany g/k/a Maria Alexandrovna Standafer  CNX Gas Company LLC  Rot Isas than J/I  Maria Gasrhart  CNX Gas Company LLC  Rot Isas than J/I  Befan Philip Gearhart  CNX Gas Company LLC  Rot Isas than J/I  Befan Philip Gearhart  CNX Gas Company LLC  Rot Isas than J/I  Befan Philip Gearhart  CNX Gas Company LLC  Rot Isas than J/I  Melanie Fatth Gearhart  CNX Gas Company LLC  Rot Isas than J/I  Befan Philip Gearhart  CNX Gas Company LLC  Rot Isas than J/I  Befan Philip Gearhart  CNX Gas Company LLC  Rot Isas than J/I  Befan Philip Gearhart  CNX Gas Company LLC  Rot Isas than J/I  Befan Philip Gearhart  CNX Gas Company LLC  Rot Isas than J/I						Not less than 1/8	498/72
Rodney Gale Smith Smitra S, DiGiacobbe 1/k/a Sendra S. Hurst and Ronald D. DiGiacobbe, W/h CNX Gas Company LLC Not less than 1/i Angela Fay Miller CNX Gas Company LLC Not less than 1/i Rebecca Ann Goff CNX Gas Company LLC Not less than 1/i Stephen Duane Jackson CNX Gas Company LLC Not less than 1/i Stephen Duane Jackson CNX Gas Company LLC Not less than 1/i Jeffery Allen Hurst CNX Gas Company LLC Not less than 1/i Rebecca Ann Goff CNX Gas Company LLC Not less than 1/i Jef Broome, Inc. CNX Gas Company LLC Not less than 1/i Be Broome, Inc. CNX Gas Company LLC Not less than 1/i Gwendalyn Rae Swartzfagar f/k/a Gwendalyn Rae Rose CNX Gas Company LLC Not less than 1/i Mark Allen Jackson and Andrea Jackson, h/w CNX Gas Company LLC Not less than 1/i Jeck Lee Smith and Cyndi Smith, h/w CNX Gas Company LLC Not less than 1/i Norman L Jackson CNX Gas Company LLC Not less than 1/i Ruth Ann Nicholson CNX Gas Company LLC Not less than 1/i Ruth Ann Nicholson CNX Gas Company LLC Not less than 1/i Ruth Ann Nicholson CNX Gas Company LLC Not less than 1/i Ruth Ann Nicholson CNX Gas Company LLC Not less than 1/i Ruth Ann Nicholson CNX Gas Company LLC Not less than 1/i Ruth Ann Nicholson CNX Gas Company LLC Not less than 1/i Ruth Ann Nicholson CNX Gas Company LLC Not less than 1/i Norless than 1/i N							497/309 498/11
Sandra S. DiGiacobbe f/k/a Sandra S. Hurst and Ronald D. DiGiacobbe, w/h  Angels Fay Miller  CNX Gas Company LLC  Not less than 1/1  Rebecca Ann Goff  CNX Gas Company LLC  Not less than 1/1  Stephen Duane Jackson  CNX Gas Company LLC  Not less than 1/1  Reffery Allen Hurst  CNX Gas Company LLC  Not less than 1/1  Reffery Allen Hurst  CNX Gas Company LLC  Not less than 1/1  Reffery Allen Hurst  CNX Gas Company LLC  Not less than 1/1  Ed Broome, Inc.  CNX Gas Company LLC  Not less than 1/1  Ed Broome, Inc.  CNX Gas Company LLC  Not less than 1/1  Mark Allen Jackson and Andrea Jackson, h/w  CNX Gas Company LLC  Not less than 1/1  Jennifer Lee Harris  CNX Gas Company LLC  Not less than 1/1  Jack Lee Smith and Cyndi Smith, h/w  CNX Gas Company LLC  Not less than 1/1  Annette N. Davis and David A. Davis  CNX Gas Company LLC  Not less than 1/1  Annette N. Davis and David A. Davis  CNX Gas Company LLC  Not less than 1/1  Annette N. Davis and David A. Davis  CNX Gas Company LLC  Not less than 1/1  Annette N. Davis and David A. Davis  CNX Gas Company LLC  Not less than 1/1  Ruth Ann Nicholson  CNX Gas Company LLC  Not less than 1/1  Ruth Ann Nicholson  CNX Gas Company LLC  Not less than 1/1  Ruth Ann Nicholson  CNX Gas Company LLC  Not less than 1/1  Refreshart  CNX Gas Company LLC  Not less than 1/1  Refreshart  CNX Gas Company LLC  Not less than 1/1  Refreshart  CNX Gas Company LLC  Not less than 1/1  Refreshart  CNX Gas Company LLC  Not less than 1/1  Refreshart  CNX Gas Company LLC  Not less than 1/1  Refreshart  CNX Gas Company LLC  Not less than 1/1  Refreshart  CNX Gas Company LLC  Not less than 1/1  Refreshart  CNX Gas Company LLC  Not less than 1/1  Refreshart  CNX Gas Company LLC  Not less than 1/1  Refreshart  CNX Gas Company LLC  Not less than 1/1  Refreshart  CNX Gas Company LLC  Not less than 1/1  Refreshart  CNX Gas Company LLC  Not less than 1/1  Refreshart  CNX Gas Company LLC  Not less than 1/1  Refreshart  CNX Gas Company LLC  Not less than 1/1  Refreshart  CNX Gas Company LLC  Not less than 1/1  Refre	-+						498/95
w/h Angels Fay Miller Angels Fay Miller Angels Fay Miller Rebects Ann Goff CNX Gas Company LLC Not less than 1/f Rebects Ann Goff CNX Gas Company LLC Not less than 1/f Stephen Duane Jackson CNX Gas Company LLC Not less than 1/f Richard Duane Hurst CNX Gas Company LLC Not less than 1/f Richard Duane Hurst CNX Gas Company LLC Not less than 1/f Richard Duane Hurst CNX Gas Company LLC Not less than 1/f Bd Broome, Inc. CNX Gas Company LLC Not less than 1/f Gwendalyn Rae Swartzfager ffix/a Gwendalyn Rae Rose CNX Gas Company LLC Not less than 1/f Mark Allen Jackson and Andrea Jackson, h/w CNX Gas Company LLC Not less than 1/f Mark Allen Jackson and Andrea Jackson, h/w CNX Gas Company LLC Not less than 1/f Jack Lee Smith and Cymdi Smith, h/w CNX Gas Company LLC Not less than 1/f Norman L Jackson CNX Gas Company LLC Not less than 1/f Norman L Jackson CNX Gas Company LLC Not less than 1/f Annette N. Davis and David A. Davis CNX Gas Company LLC Not less than 1/f Ruth Ann Richolson CNX Gas Company LLC Not less than 1/f Maria Alexandrovna Sthary e/k/a Maria Alexandrovna Standafer CNX Gas Company LLC Not less than 1/f Maria Alexandrovna Sthary e/k/a Maria Alexandrovna Standafer CNX Gas Company LLC Not less than 1/f Maria Gearhart CNX Gas Company LLC Not less than 1/f Befan Philip Gearhart CNX Gas Company LLC Not less than 1/f Joseph Edward Gearhart CNX Gas Company LLC Not less than 1/f Not		-			was the company LLL	THE PLAN WINE AND	-5455
Angela Fay Miller  Angela Fay Miller  Rebecta Ann Goff  CNX Gas Company LLC  Not less than 1/1  Stephen Duane Jackson  CNX Gas Company LLC  Not less than 1/1  Jeffery Allen Hurst  CNX Gas Company LLC  Not less than 1/1  Rehard Duane Hurst  CNX Gas Company LLC  Not less than 1/1  Ed Broome, Inc.  CNX Gas Company LLC  Not less than 1/1  Ed Broome, Inc.  CNX Gas Company LLC  Not less than 1/1  Gwendatyn Ran Swartzfuger f/k/a Gwendalyn Rae Rose  CNX Gas Company LLC  Not less than 1/1  Mark Allen Jackson and Andrea Jackson, h/w  CNX Gas Company LLC  Not less than 1/1  Jennifer Lee Harris  CNX Gas Company LLC  Not less than 1/1  Jenk Lee Smith and Cyndi Smith, h/w  CNX Gas Company LLC  Not less than 1/1  Norman L. Jackson  CNX Gas Company LLC  Not less than 1/1  Norman L. Jackson  CNX Gas Company LLC  Not less than 1/1  Ruth Ann Nicholson  CNX Gas Company LLC  Not less than 1/1  Ruth Ann Nicholson  CNX Gas Company LLC  Not less than 1/1  Maria Alexandrovna Stilney a/k/a Maria Alexandrovna Standafer  CNX Gas Company LLC  Not less than 1/1  Michael Keth Gearhart  CNX Gas Company LLC  Not less than 1/1  Michael Keth Gearhart  CNX Gas Company LLC  Not less than 1/1  Michael Keth Gearhart  CNX Gas Company LLC  Not less than 1/1  Michael Keth Gearhart  CNX Gas Company LLC  Not less than 1/1  Michael Keth Gearhart  CNX Gas Company LLC  Not less than 1/1  Michael Keth Gearhart  CNX Gas Company LLC  Not less than 1/1  Jennifer Lee Gas Company LLC  Not less than 1/1  Jennifer Lee Gas Company LLC  Not less than 1/1  Jennifer Lee Gas Company LLC  Not less than 1/1  Jennifer Lee Harris  CNX Gas Company LLC  Not less than 1/1  Jennifer Lee Harris  CNX Gas Company LLC  Not less than 1/1  Jennifer Lee Harris  CNX Gas Company LLC  Not less than 1/1  Jennifer Lee Harris  CNX Gas Company LLC  Not less than 1/1  Jennifer Lee Harris  CNX Gas Company LLC  Not less than 1/1  Jennifer Lee Harris  CNX Gas Company LLC  Not less than 1/1  Jennifer Lee Harris  CNX Gas Company LLC  Not less than 1/1  Jennifer Lee Harris  CNX Gas Company LLC  Not	İ	]		In	CNX Ges Company LLC	Not less than 1/8	498/257
Rebecca Ann Goff CNX Gas Company LLC Not less than 1/1 Stephen Duane Jackson CNX Gas Company LLC Not less than 1/1 Referry Allen Hurst CNX Gas Company LLC Not less than 1/1 Referry Allen Hurst CNX Gas Company LLC Not less than 1/1 Ed Broome, Inc. CNX Gas Company LLC Not less than 1/1 Gwendalyn Rae Swartzfager f/k/a Gwendalyn Rae Rose CNX Gas Company LLC Not less than 1/1 Mark Allen Jackson and Andrea Jackson, h/w CNX Gas Company LLC Not less than 1/1 Jennifer Lee Harris CNX Gas Company LLC Not less than 1/1 Jack Lee Smith and Cyndi Smith, h/w CNX Gas Company LLC Not less than 1/1 Norman L Jackson CNX Gas Company LLC Not less than 1/1 Norman L Jackson CNX Gas Company LLC Not less than 1/1 Ruth Ann Nicholson CNX Gas Company LLC Not less than 1/1 Ruth Ann Nicholson CNX Gas Company LLC Not less than 1/1 Ruth Ann Nicholson CNX Gas Company LLC Not less than 1/1 Ruth Ann Nicholson CNX Gas Company LLC Not less than 1/1 Warren Scott Standafer Testamentary Trust CNX Gas Company LLC Not less than 1/1 Warren Scott Standafer Testamentary Trust CNX Gas Company LLC Not less than 1/1 Refan Philip Gearhart CNX Gas Company LLC Not less than 1/1 Brian Philip Gearhart CNX Gas Company LLC Not less than 1/1 Refan Philip Gearhart CNX Gas Company LLC Not less than 1/1 Refan Philip Gearhart CNX Gas Company LLC Not less than 1/1 Refan Philip Gearhart CNX Gas Company LLC Not less than 1/1 Refan Philip Gearhart CNX Gas Company LLC Not less than 1/1 Refan Philip Gearhart CNX Gas Company LLC Not less than 1/1 Refan Philip Gearhart CNX Gas Company LLC Not less than 1/1 Refan Philip Gearhart CNX Gas Company LLC Not less than 1/1 Refan Philip Gearhart CNX Gas Company LLC Not less than 1/1 Refan Philip Gearhart CNX Gas Company LLC Not less than 1/1 Refan Philip Gearhart CNX Gas Company LLC Not less than 1/1 Refan Philip Gearhart CNX Gas Company LLC Not less than 1/1 Refan Philip Gearhart CNX Gas Company LLC Not less than 1/1 Refan Philip Gearhart CNX Gas Company LLC Not less than 1/1 Refan Philip Refan Philip Refan Philip Refan Philip Refan Phi						Not less than 1/8	498/287
Jeffery Allen Hurst  CNX Gas Company LLC  Not less than 1/1  Richard Duane Hurst  Ed Broome, Inc.  CNX Gas Company LLC  Not less than 1/1  Ed Broome, Inc.  CNX Gas Company LLC  Not less than 1/1  Gwendalyn Rae Swartzfager f/k/a Gwendalyn Rae Rose  CNX Gas Company LLC  Not less than 1/1  Mark Allen Jackson and Andrea Jackson, h/w  CNX Gas Company LLC  Not less than 1/1  Jack Lee Smith and Cyndi Smith, h/w  CNX Gas Company LLC  Not less than 1/1  Norman L Jackson  CNX Gas Company LLC  Not less than 1/1  Norman L Jackson  CNX Gas Company LLC  Not less than 1/1  Ruth Annette N. Davis and David A. Davis  CNX Gas Company LLC  Not less than 1/1  Ruth Ann Nicholson  CNX Gas Company LLC  Not less than 1/1  Maria Alexandrovna Stihery a/k/a Maria Alexandrovna Standafer  CNX Gas Company LLC  Not less than 1/1  Warren Scott Standafer Testamentary Trust  CNX Gas Company LLC  Not less than 1/1  Michael Meth Gearhart  CNX Gas Company LLC  Not less than 1/1  Michael Reth Gearhart  CNX Gas Company LLC  Not less than 1/1  Jerian Philip Gearhart  CNX Gas Company LLC  Not less than 1/1  Jerian Edward Gearhart  CNX Gas Company LLC  Not less than 1/1  Jerian Gearhart  CNX Gas Company LLC  Not less than 1/1  Jerian Gearhart  CNX Gas Company LLC  Not less than 1/1  Jerian Gearhart  CNX Gas Company LLC  Not less than 1/1  Jerian Fhilip Gearhart  CNX Gas Company LLC  Not less than 1/1  Jerian Fhilip Gearhart  CNX Gas Company LLC  Not less than 1/1  Melanle Fatth Gearhart  CNX Gas Company LLC  Not less than 1/1  Melanle Fatth Gearhart  CNX Gas Company LLC  Not less than 1/1  Melanle Fatth Gearhart  CNX Gas Company LLC  Not less than 1/1  Mot less than 1/1  Melanle Fatth Gearhart  CNX Gas Company LLC  Not less than 1/1  Melanle Fatth Gearhart  CNX Gas Company LLC  Not less than 1/1  Melanle Fatth Gearhart  CNX Gas Company LLC  Not less than 1/1  Mot less than 1/1  Melanle Fatth Gearhart  CNX Gas Company LLC  Not less than 1/1  Melanle Fatth Gearhart  CNX Gas Company LLC  Not less than 1/1  Melanle Fatth Gearhart  CNX Gas Company LLC  Not l				Rebecca Ann Goff	CNX Gas Company LLC	Not less than 1/8	498/292
Richard Duane Nurst  Ed Broome, Inc.  GWK Gas Company LLC  Not less than 1/1  Gwendatyn Rae Swartzfuger f/k/a Gwendalyn Rae Rose  CNK Gas Company LLC  Not less than 1/1  Mark Allen Jackson and Andrea Jackson, h/w  CNK Gas Company LLC  Not less than 1/1  Jennifer Lee Narris  CNK Gas Company LLC  Not less than 1/1  Jack Lee Smith and Cyndi Smith, h/w  CNK Gas Company LLC  Not less than 1/1  Norman L Jackson  CNK Gas Company LLC  Not less than 1/1  Annette N. Davis and David A. Davis  CNK Gas Company LLC  Not less than 1/1  Ruth Ann Nicholson  CNK Gas Company LLC  Not less than 1/1  Ruth Ann Nicholson  CNK Gas Company LLC  Not less than 1/1  Warren Scott Standafer Testamentary Trust  CNK Gas Company LLC  Not less than 1/1  Warren Scott Standafer Testamentary Trust  CNK Gas Company LLC  Not less than 1/1  Michael Neth Gearhart  CNK Gas Company LLC  Not less than 1/1  Brian Philip Gearhart  CNK Gas Company LLC  Not less than 1/1  Brian Philip Gearhart  CNK Gas Company LLC  Not less than 1/1  Brian Gearhart  CNK Gas Company LLC  Not less than 1/1  Brian Gearhart  CNK Gas Company LLC  Not less than 1/1  Brian Gearhart  CNK Gas Company LLC  Not less than 1/1  Melanie Faith Gearhart  CNK Gas Company LLC  Not less than 1/1  Melanie Faith Gearhart  CNK Gas Company LLC  Not less than 1/1  Melanie Faith Gearhart  CNK Gas Company LLC  Not less than 1/1  Melanie Faith Gearhart  CNK Gas Company LLC  Not less than 1/1  Melanie Faith Gearhart  CNK Gas Company LLC  Not less than 1/1  Melanie Faith Gearhart  CNK Gas Company LLC  Not less than 1/1  Melanie Faith Gearhart  CNK Gas Company LLC  Not less than 1/1  Melanie Faith Gearhart  CNK Gas Company LLC  Not less than 1/1  Melanie Faith Gearhart  CNK Gas Company LLC  Not less than 1/1  Melanie Faith Gearhart  CNK Gas Company LLC  Not less than 1/1  Melanie Faith Gearhart  CNK Gas Company LLC  Not less than 1/1  Melanie Faith Gearhart  CNK Gas Company LLC  Not less than 1/1						Not less than 1/8	498/297
Ed Broome, Inc.  Gwendafyn Rae Swartzfager ffiz/a Gwendafyn Rae Rose  CNX Gas Company LLC  Not less than 1//  Mark Allen Jeskson and Andrea Jackson, h/w  CNX Gas Company LLC  Not less than 1//  Jennifer Lee Harris  CNX Gas Company LLC  Not less than 1//  Jennifer Lee Harris  CNX Gas Company LLC  Not less than 1//  Norman L. Jackson  CNX Gas Company LLC  Not less than 1//  Norman L. Jackson  CNX Gas Company LLC  Not less than 1//  Annette N. Davis and David A. Davis  CNX Gas Company LLC  Not less than 1//  Ruth Ann Richolson  CNX Gas Company LLC  Not less than 1//  Maria Alexandrovna Sthary e/k/a Maria Alexandrovna Standafer  CNX Gas Company LLC  Not less than 1//  Warren Scott Standafer Testamentary Trust  CNX Gas Company LLC  Not less than 1//  Michael Keth Gearhart  CNX Gas Company LLC  Not less than 1//  Befan Philip Gearhart  CNX Gas Company LLC  Not less than 1//  Joseph Edward Gearhart  CNX Gas Company LLC  Not less than 1//  Jestan Gearhart  CNX Gas Company LLC  Not less than 1//  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1//  Jestan Maria Gearhart  CNX Gas Company LLC  Not less than 1//  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1//  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1//  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1//  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1//  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1//  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1//  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1//  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1//  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1//  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1//  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1//  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1//  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1//  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1//  Melanie Fath Gearhart  CNX Gas Comp	-+						498/302 498/347
Gwendalyn Rae Swartzfager f/k/a Gwendalyn Rae Rose CNX Gas Company LLC Not less than 1/1  Mark Allen Jackson and Andrea Jackson, h/w CNX Gas Company LLC Not less than 1/1  Jennifer Lee Harris CNX Gas Company LLC Not less than 1/1  Jack Lee Smith and Cyndi Smith, h/w CNX Gas Company LLC Not less than 1/1  Norman L Jackson CNX Gas Company LLC Not less than 1/1  Annette N. Davis and David A. Davis CNX Gas Company LLC Not less than 1/1  Ruth Ann Nicholson CNX Gas Company LLC Not less than 1/1  Maria Alexandrovna Stihery a/k/a Maria Alexandrovna Standafer CNX Gas Company LLC Not less than 1/1  Warren Scott Standafer Testamentary Trust CNX Gas Company LLC Not less than 1/1  Michael Reith Gearhart CNX Gas Company LLC Not less than 1/1  Brian Philip Gearhart CNX Gas Company LLC Not less than 1/1  Joseph Edward Gearhart CNX Gas Company LLC Not less than 1/1  Jason Alan Gearhart CNX Gas Company LLC Not less than 1/1  Jason Alan Gearhart CNX Gas Company LLC Not less than 1/1  Jason Alan Gearhart CNX Gas Company LLC Not less than 1/1  Melanle Fatth Gearhart CNX Gas Company LLC Not less than 1/1  Melanle Fatth Gearhart CNX Gas Company LLC Not less than 1/1  Melanle Fatth Gearhart CNX Gas Company LLC Not less than 1/1  Melanle Fatth Gearhart CNX Gas Company LLC Not less than 1/1  Melanle Fatth Gearhart CNX Gas Company LLC Not less than 1/1  Melanle Fatth Gearhart CNX Gas Company LLC Not less than 1/1  Melanle Fatth Gearhart CNX Gas Company LLC Not less than 1/1  Melanle Fatth Gearhart CNX Gas Company LLC Not less than 1/1  Melanle Fatth Gearhart CNX Gas Company LLC Not less than 1/1  Melanle Fatth Gearhart CNX Gas Company LLC Not less than 1/1  Melanle Fatth Gearhart CNX Gas Company LLC Not less than 1/1  Melanle Fatth Gearhart CNX Gas Company LLC Not less than 1/1  Melanle Fatth Gearhart CNX Gas Company LLC Not less than 1/1  Melanle Fatth Gearhart CNX Gas Company LLC Not less than 1/1							497/709
Mark Allen Jackson and Andrea Jackson, h/w    Jack Lee Harris	-					Not less than 1/8	498/322
Jack Lee Smith and Cyndi Smith, h/w						Not less than 1/8	498/327
Norman L. Jackson  Norman L. Jackson  Not less than 1/1  Annette N. Davis and David A. Davis  Ruth Ann Nicholson  Ruth Annes Ann						Not less than 1/8	498/317
Annette N. Davis and David A. Davis  Ruth Ann Richolson  CNX Gas Company LLC  Not less than 1/1  Maria Alexandrovna Stihary e/k/a Maria Alexandrovna Standafer  CNX Gas Company LLC  Not less than 1/1  Warren Scott Standafer Testamentary Trust  CNX Gas Company LLC  Not less than 1/1  Michael Keith Gearhart  CNX Gas Company LLC  Not less than 1/1  Bridan Philip Gearhart  CNX Gas Company LLC  Not less than 1/1  Joseph Edward Gearhart  CNX Gas Company LLC  Not less than 1/1  Jason Alan Gearhart  CNX Gas Company LLC  Not less than 1/1  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1/1  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1/1  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1/1  Melanie Fath Gearhart  CNX Gas Company LLC  Not less than 1/1  Molanie Fath Gearhart  CNX Gas Company LLC  Not less than 1/1  Molanie Fath Gearhart  CNX Gas Company LLC  Not less than 1/1  Molanie Fath Gearhart  CNX Gas Company LLC  Not less than 1/1  Molanie Fath Gearhart  CNX Gas Company LLC  Not less than 1/1  Molanie Fath Gearhart  CNX Gas Company LLC  Not less than 1/1						Not less than 1/8	498/247
Ruth Ann Nicholson CNX Gas Company LLC Not less than 1/1 Maria Alexandrovna Stihary a/k/a Maria Alexandrovna Standafer CNX Gas Company LLC Not less than 1/1 Warren Scott Standafer Testamentary Trust CNX Gas Company LLC Not less than 1/1 Michael Ketth Gearhart CNX Gas Company LLC Not less than 1/1 Birlan Philip Gearhart CNX Gas Company LLC Not less than 1/1 Joseph Edward Gearhart CNX Gas Company LLC Not less than 1/1 Jason Alan Gearhart CNX Gas Company LLC Not less than 1/1 Melanle Faith Gearhart CNX Gas Company LLC Not less than 1/1 Melanle Faith Gearhart CNX Gas Company LLC Not less than 1/1 Obnoled Wayne Kurst, Ir. CNX Gas Company LLC Not less than 1/1 Obnoled Wayne Kurst, Ir. CNX Gas Company LLC Not less than 1/1							498/332 487/389
Maria Alexandrovna Stihary e/it/a Maria Alexandrovna Standafer CNX Gas Company LLC Not less than 1/i Warren Scott Standafer Testamentary Trust CNX Gas Company LLC Not less than 1/i Michael Keth Gearhart CNX Gas Company LLC Not less than 1/i Brian Philip Gearhart CNX Gas Company LLC Not less than 1/i Joseph Edward Gearhart CNX Gas Company LLC Not less than 1/i Jason Alan Gearhart CNX Gas Company LLC Not less than 1/i Melanife Staft Gearhart CNX Gas Company LLC Not less than 1/i Melanife Staft Gearhart CNX Gas Company LLC Not less than 1/i Donald Wayne Hurst, Ir. CNX Gas Company LLC Not less than 1/i Donald Wayne Hurst, Ir. CNX Gas Company LLC Not less than 1/i						Not less than 1/8	488/505
Warren Scott Standarfer Testamentary Trust CNX Gas Company LLC Not less than 1/1 Michael Keith Gearhart CNX Gas Company LLC Not less than 1/1 Birlan Philip Gearhart CNX Gas Company LLC Not less than 1/1 Joseph Edward Gearhart CNX Gas Company LLC Not less than 1/1 Jason Alan Gearhart CNX Gas Company LLC Not less than 1/1 Melanie Faith Gearhart CNX Gas Company LLC Not less than 1/1 Molanie Faith Gearhart CNX Gas Company LLC Not less than 1/1 Donald Wayne Kurst, Ir. CNX Gas Company LLC Not less than 1/1						Not less than 1/8	62/142
Michael Keith Gearhart CIX Gas Company LLC Not less than 1/1 Birlan Phillip Gearhart CIX Gas Company LLC Not less than 1/1 Joseph Edward Gearhart CIX Gas Company LLC Not less than 1/1 Jason Alan Gearhart CIX Gas Company LLC Not less than 1/1 Melanle Faith Gearhart CIX Gas Company LLC Not less than 1/1 Donald Wayne Kurst, Ir. CIX Gas Company LLC Not less than 1/1						Not less than 1/8	62/142
Joseph Edward Gearhart CNX Ges Company LLC Not less than 1/1 Jason Alan Gearhart CNX Ges Company LLC Not less than 1/1 Melanic Fatth Gearhart CNX Ges Company LLC Not less than 1/1 Donald Wayne Kurst, Ir. CNX Ges Company LLC Not less than 1/1				Michael Keith Gearhart	CNX Gas Company LLC	Not less than 1/8	62/142
Jason Alan Gearhart CNX Gas Company LLC Not less than 1/1 Melanio Fatth Gearhart CNX Gas Company LLC Not less than 1/1 Donald Wayne Kurst, Ir. CNX Gas Company LLC Not less than 1/1						Not less than 1/8	62/142
Melanio Faith Gearhart CNX Ges Company LLC Not less than 1/1 Donald Wayne Hurst, Ir. CNX Ges Company LLC Not less than 1/1						Not less than 1/8	62/142
Donald Wayne Hurst, Ir. CNX Gas Company LLC Not less than 1/1							62/142 52/142
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Viciti Dean a/k/a Viciti Darlene Kriner CNX Gas Company LLC Not less than 1/8	-	-				Not less than 1/8	62/142
						Not less than 1/8	62/142
Bruce Patrick Smith CRIX Gas Conspany LLC Not less than 1/1				Bruce Patrick Smith	CNX Gas Company LLC	Not less than 1/8	62/142
						Not less than 1/8	62/142
						Not less than 1/8 Not less than 1/8	62/142 62/142

act (D			Grantor, Lessor, etc	Grantee, Lessee, etc	Danislas	Bank/Dea-
132D	8 Parcel 1-4, P/O	QLS# 293506000	ila M. Powell, Dennis H. Powell and Meille M. Powell, h/w	Clarence W. Mutschelknaus	Royalty Not less than 1/8	Book/Page 138/463
	Parcel 7	22300000	Jerry L. Davis	Clarence W. Mutschelknaus	Not less than 1/8	132/229
			Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theima			
			McCullough and Corbett McCullough her husband	Clarence W. Mutscheiknaus	Not less than 1/8	131/526
	ļ		Helen P. Buff	Clarence W. Mutscheiknaus	Not less than 1/8	136/728
	ļ		Lula L. Backus	Clarence W. Mutschellmaus Clarence W. Mutschellmaus	Not less than 1/8 Not less than 1/8	131/522 131/742
		<del> </del>	Clyde M. Shinn Mary Lee Scalf and Robert P. Scalf	Clarence W. Mutschelknaus	Not less than 1/8	131/524
	<del> </del> -	<del> </del>	Betty Jean Dinella and John Dinella, w/h	Clarence W. Mutschelkneus	Not less than 1/8	131/322
			Roy R. Shinn and Evelyn Shinn, h/w	Clarence W. Mutschelknaus	Not less than 1/8	131/740
			Clarence W. Mutschelknaus	J & J Enterprises, Inc.	Assignment	150/625
			J & J Enterprises, Inc. and Union Drilling, Inc.	Clarence W. Mutschelknaus	Assignment	150/628
	<del> </del>		Clarence W. Mutschelknaus	Bluestone Energy Partners	Assignment	245/572 288/1
	ļ	<del> </del>	Bluestone Energy Partners Antero Resources Bluestone LLC	Antero Resources Bluestone LLC Antero Resources Corporation	Assignment Merger	WVSOS
			Antero Resources Corporation	CNX Gas Company LLC	Assignment	481/395
		<b></b>				
			Clarence W. Mutschelknaus and Mary F. Mutschelknaus, h/w	J & J Enterprises, Inc.	Not less than 1/8	159/668
			J & J Enterprises, Inc. and Union Orlilling, Inc.	Clarence W. Mutschelknaus	Assignment	150/628
	ļ	<del> </del>	Clarence W. Mutschelknaus	Bluestone Energy Partners	Assignment	245/572
			Bluestone Energy Partners	Antero Resources Bluestone LLC	Assignment Merger	288/1 WVSOS
		ļ	Antero Resources Bluestone LLC Antero Resources Corporation	Antero Resources Corporation CNX Gas Company LLC	Assignment	481/395
			Antero nesources corporation	City one company the	- Assignment	102,000
	<del>                                     </del>		Carlie James and Karen M. James, JTROS	Antero Resources Corporation	Not less than 1/8	394/390
	1		Sue Ann Gilles	Antero Resources Corporation	Not less than 1/8	400/661
	I		Joel Gillies	CNX Gas Company LLC	Ratification	498/467
			Antero Resources Corporation	CNX Gas Company LLC	Assignment	481/395
	ļ <u></u>					ļ
t ID		Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc	Poweller	Book/Page
LB	8.Parcel 1-4. P/O	QLS# 297366000	ila M. Powell, Dennis H. Powell and Mellie M. Powell, h/w	Clarence W. Mutschelknaus	Royalty Not less than 1/8	138/463
	1-4, P/O Parcel 7	437300000	Jerry L. Davis	Clarence W. Mutschelknaus	Not less than 1/8	132/229
	/	<del></del>	Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theima			
		l	McCullough and Corbett McCullough her husband	Clarence W. Mutschelknaus	Not less than 1/8	131/526
			Helen P. Buff	Clarence W. Mutschelknaus	Not less than 1/8	136/728
			Lula L. Backus	Clarence W. Mutschelknaus	Not less than 1/8	131/522
		L	Clyde M. Shinn	Clarence W. Mutschelknaus	Not less than 1/8	131/742
	<u> </u>		Mary Lee Scalf and Robert P. Scalf	Clarenco W. Mutschelknaus	Not less than 1/8	131/524
	ļ	ļ	Botty Jean Dinella and John Dinella, w/h	Clarence W. Mutschelknaus	Not less than 1/8 Not less than 1/8	131/322 131/740
	ļ		Roy R. Shinn and Evelyn Shinn, h/w	Clarence W. Mutscheiknaus  1 & J Enterprises, Inc.	Assignment	150/625
		<del></del>	Clarence W. Mutschelknaus J & J Enterprises, Inc. and Union Drilling, Inc.	Clarence W. Mutschelknaus	Assignment	150/628
		<del> </del>	Clarence W. Mutschelknaus	Bluestone Energy Partners	Assignment	245/572
	<del> </del>	<del> </del>	Bluestone Energy Partners	Antera Resources Bluestone LLC	Assignment	288/1
			Antero Resources Bluestone LLC	Antero Resources Corporation	Merger	wvsos
	· · · · · ·	1	Antero Resources Corporation	CNX Gas Company LLC	Assignment	481/395
			Clarence W. Mutschelknaus and Mary F. Mutschelknaus, h/w	J & J Enterprises, Inc.	Not less than 1/8	159/668
	ļ		J & J Enterprises, Inc. and Union Orilling, Inc.	Clarence W. Mutschelknaus	Assignment	150/628 245/572
	<b> </b>		Clarence W. Mutschelknaus	Bluestone Energy Partners	Assignment Assignment	288/1
	ļ	<del> </del> -	Bluestone Energy Partners Antero Resources Bluestone LLC	Antero Resources Bluestone LLC Antero Resources Corporation	Merger	WVSOS
	ļ	<del> </del>	Antero Resources Corporation	CNX Gas Company LLC	Assignment	481/395
	1					
	ļ		Carile James and Karen M. James, JTROS	Antero Resources Corporation	Not less than 1/8	394/390
			Sue Ann Gillies	Antero Resources Corporation	Not less than 1/8	400/661
			Joel Gilles	CNX Gas Company LLC	Ratification	498/467
	ļ <u></u>	ļ	Antero Resources Corporation	CNX Gas Company LLC	Assignment	481/395
		<del> </del>	The West Virginia Department of Transportation, Division of			
	1	ļ	Righways	CNX Gas Company LLC	Not less than 1/8	497/316
		<del> </del>			1	
		Title Colelon		C 1		
	Tex Map	THE CONTROL				l .
	& Parcel	OLS#	GIATROT, LESSOT, BIG	Grantee, Lessee, etc	Royalty	Book/Page
	8 Percei 1-4, P/O	OLS#	ila M. Powell, Dennis H. Powell and Mellie M. Powell, h/w	Clarence W. Mutschelknaus	Not less than 1/8	138/463
	& Parcel	OLS#	STATISTS, DESDOT, SIG IIa M. Powell, Denais H. Powell and Mellie M. Powell, h/w Jerry L. Davis			
	8 Percei 1-4, P/O	OLS#	STRINGT LESSEL SU:  Is M. Poweii, Dennis H. Poweii and Meille M. Poweii, h/w  Jerry L. Davis  Blanche Ford, widow, Blanche Ford POA for Lesnan L. Shinn, Theirns	Clarence W. Mutschelknaus Clarence W. Mutschelknaus	Not less than 1/8 Not less than 1/8	138/463 132/229
	8 Percei 1-4, P/O	OLS#	STATION, LESSOL, SEE  Its M. Powell, Dennis H. Powell and Meille M. Powell, In/w  Berry L. Davis  Blanche Ford, widow, Blanche Ford POA for Lessan L. Shinn, Theirna  McCullough and Corbett McCullough her husband	Clarence W. Mutschelknaus Clarence W. Mutschelknaus Clarence W. Mutschelknaus	Not less than 1/8 Not less than 1/8 Not less than 1/8	138/463 132/229 131/526
	8 Percei 1-4, P/O	OLS#	STRINGT LESSEL SU:  Is M. Poweii, Dennis H. Poweii and Meille M. Poweii, h/w  Jerry L. Davis  Blanche Ford, widow, Blanche Ford POA for Lesnan L. Shinn, Theirns	Clarence W. Mutschelknaus Clarence W. Mutschelknaus	Not less than 1/8 Not less than 1/8	138/463 132/229
	8 Percei 1-4, P/O	OLS#	Ita M. Powell, Dennis H. Powell and Melile M. Powell, It/w Jerry L. Davis Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theirna McCullough and Corbett McCullough her husband Helen P. Buff	Clarenco W. Mutschelknaus	Not less than 1/8	138/463 132/229 131/526 136/728
	8 Percei 1-4, P/O	OLS#	STRINGT LESSEL SIL  In M. Powell, Dennis H. Powell and Mellie M. Powell, h/w  Jerry L. Davis  Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theirns  McCullough and Corbett McCullough her husband  Helen P. Buff  Lufa L. Backus	Clarenco W. Mutschelknaus	Not less than 1/8	138/463 132/229 131/526 136/728 131/522 131/742 131/524
	8 Percei 1-4, P/O	OLS#	STRINGT LESSEL ST.  Is M. Powell, Dennis H. Powell and Mellie M. Powell, h/w  Ierry L. Davis  Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theirns  McCullough and Corbett McCullough her husband  Helen P. Buff  Lufa L. Backus  Clyde M. Shinn  Mary Lee Scalf and Robert P. Scalf  Betty Jean Dinella and John Dinella, w/h	Clarenco W. Mutschelknaus	Not less than 1/8	138/463 132/229 131/526 136/728 131/522 131/742 131/524 131/322
	8 Percei 1-4, P/O	OLS#	STRINGT LESSEL ST.  Ita M. Poweii, Dennis H. Poweii and Meilie M. Poweii, h/w Jerry L. Davis Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theima McCullough and Corbett McCullough her husband Helen P. Buff Lula L. Backus Clyde M. Shinn Mary Les Scalf and Robert P. Scalf Betty Jean Dinelia and John Dinelia, w/h Roy R. Shinn and Evelyn Shinn, h/w	Clarenco W. Mutschelknaus	Not less than 1/8	138/463 132/229 131/526 136/728 131/522 131/742 131/524 131/322 131/740
	8 Percei 1-4, P/O	OLS#	STRINGN LESSOFLETS  Is M. Powell, Dennis H. Powell and Mellie M. Powell, h/w  Jerry L. Davis  Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theirna McCullough and Corbett McCullough her husband Helen P. Buff  Lula L. Backus  Clycle M. Shinn  Mary Leo Scalf and Robert P. Scalf  Betty Jean Dinella and John Dinella, w/h  Roy R. Shinn and Evelyn Shinn, h/w  Clarence W. Mutschelknaus	Clarenco W. Mutschelknaus J & J Enterprises, inc.	Not less than 1/8 Assignment	138/463 132/229 131/526 136/728 131/522 131/742 131/524 131/524 131/740 150/625
	8 Percei 1-4, P/O	OLS#	STRINGT LESSEL STATE  Is M. Powell, Dennis H. Powell and Mellie M. Powell, h/w  Ierry L. Davis  Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theirne McCullough and Corbett McCullough her husband  Helen P. Buff  Lula L. Backus  Clyde M. Shinn  Mary Lee Scalf and Robert P. Scalf  Betty Jean Dinella and John Dinella, w/h  Roy R. Shinn and Evelyn Shinn, h/w  Clarence W. Mutscheltnaus  Ja J. Enterprises, inc. and Union Drilling, inc.	Clarenco W. Mutschelknaus J & J Enterprise, Inc. Clarenco W. Mutschelknaus	Not less than 1/8 Assignment Assignment	138/463 132/229 131/526 136/728 131/522 131/742 131/524 131/322 131/740 150/625
	8 Percei 1-4, P/O	OLS#	STRINGT, LESSEL, STA.  Is M. Powell, Dennis H. Powell and Melile M. Powell, h/w  Jerry L. Davis  Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theima  McCullough and Corbett McCullough her husband  Helen P. Buff  Lula L. Backus  Clyde M. Shinn  Mary Lee Scalf and Robert P. Scalf  Betty Jean Dinella and John Dinella, w/h  Roy R. Shinn and Evelyn Shinn, h/w  Clarence W. Mutschelknaus  J & J Enterprises, Inc. and Union Drilling, Inc.  Clarence W. Mutschelknaus	Clarenco W. Mutschelknaus J. B. I Enterprises, Inc. Clarenco W. Mutschelknaus Buestone Energy Partners Buestone Energy Partners	Not less than 1/8 Assignment Assignment Assignment	138/463 132/229 131/526 136/728 131/522 131/742 131/522 131/740 150/625 150/628 245/572
	8 Percei 1-4, P/O	OLS#	STRINGN LESSOFLETS  Is M. Powell, Dennis H. Powell and Mellie M. Powell, In/w Jerry L. Davis Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theirna McCullough and Corbett McCullough her husband Helen P. Buff Lula L. Backus Clyde M. Shinn Mary Leo Scalf and Robert P. Scalf Betty Jean Dinella and John Dinella, w/h Roy R. Shinn and Evelyn Shinn, h/w Clarence W. Mutschelknaus I & J. Enterprises, Inc. and Union Drilling, Inc. Clarence W. Mutschelknaus Bluestone Energy Partners	Clarenco W. Mutschelknaus J. B. J. Enterprises, inc. Clarence W. Mutschelknaus J. B. J. Enterprises, inc. Clarence W. Mutschelknaus Bluestone Energy Partners Antero Resources Bluestone LLC	Not less than 1/8 Assignment Assignment Assignment Assignment	138/463 132/229 131/526 136/728 131/522 131/742 131/524 131/322 131/740 150/625 150/628 245/572 288/1
	8 Percei 1-4, P/O	OLS#	STRINGT, LESSEL, STA.  Is M. Powell, Dennis H. Powell and Melile M. Powell, h/w  Jerry L. Davis  Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theima  McCullough and Corbett McCullough her husband  Helen P. Buff  Lula L. Backus  Clyde M. Shinn  Mary Lee Scalf and Robert P. Scalf  Betty Jean Dinella and John Dinella, w/h  Roy R. Shinn and Evelyn Shinn, h/w  Clarence W. Mutschelknaus  J & J Enterprises, Inc. and Union Drilling, Inc.  Clarence W. Mutschelknaus	Clarenco W. Mutschelknaus J. B. I Enterprises, Inc. Clarenco W. Mutschelknaus Buestone Energy Partners Buestone Energy Partners	Not less than 1/8 Assignment Assignment Assignment	138/463 132/229 131/526 136/728 131/522 131/742 131/524 131/524 131/740 150/625 150/628
	8 Percei 1-4, P/O	OLS#	STRINGT LESSOL. SIX  Is M. Powell, Dennis H. Powell and Mellie M. Powell, h/w  Ierry L. Davis  Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theirna McCullough and Corbett McCullough her husband  Helen P. Buff Lula L. Backus  Clyde M. Shinn  Mary Lee Scalf and Robert P. Scalf  Betty Jean Dinella and John Dinella, w/h  Roy R. Shinn and Evelyn Shinn, h/w  Clarence W. Mutschelknaus  J B. Letterprises, inc. and Union Drilling, inc.  Clarence W. Mutschelknaus  Bluestone Energy Partners  Antero Resources Bluestone LLC	Clarenco W. Mutschelknaus J. B. I Enterprises, Inc. Clarence W. Mutschelknaus Bluestone Energy Partners Antero Resources Bluestone LLC Antero Resources Bluestone LLC Antero Resources Corporation	Not less than 1/8 Assignment Assignment Assignment Assignment Merger	138/463 132/229 131/526 136/728 131/742 131/742 131/524 131/740 150/625 150/628 245/572 288/1
	8 Percei 1-4, P/O	OLS#	STRINGT LESSOL. SIX  Is M. Powell, Dennis H. Powell and Mellie M. Powell, h/w  Ierry L. Davis  Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theirna McCullough and Corbett McCullough her husband  Helen P. Buff Lula L. Backus  Clyde M. Shinn  Mary Lee Scalf and Robert P. Scalf  Betty Jean Dinella and John Dinella, w/h  Roy R. Shinn and Evelyn Shinn, h/w  Clarence W. Mutschelknaus  J B. Letterprises, inc. and Union Drilling, inc.  Clarence W. Mutschelknaus  Bluestone Energy Partners  Antero Resources Bluestone LLC	Clarenco W. Mutschelknaus Blestone Energy Partners Antero Resources Bluestone LLC Antero Resources Bluestone LLC Antero Resources Corporation	Not less than 1/8 Assignment Assignment Assignment Assignment Merger	138/463 132/229 131/526 136/728 131/522 131/742 131/524 131/342 131/740 150/625 150/628 245/572 288/1 W/SOS 481/395
	8 Percei 1-4, P/O	OLS#	STRINGY, LESSOLUTE  Is M. Powell, Dennis H. Powell and Meille M. Powell, h/w Jerry L. Davis Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theirna McCullough and Corbett McCullough her husband Helen P. Buff Lula L. Backus Clyde M. Shinn Mary Leo Scalf and Robert P. Scalf Betty Jean Dinella and John Dinella, w/h Roy R. Shinn and Evelmy Shinn, h/w Clarence W. Mutschelknaus J B. J. Enterprises, Inc. and Union Drilling, Inc. Clarence W. Mutschelknaus Bluestone Energy Partners Antero Resources Bluestone LLC Antero Resources Deporation  Clarence W. Mutschelknaus and Mary F. Mutschelknaus, h/w J B. J. Enterprises, Inc. and Union Drilling, Inc.  Clarence W. Mutschelknaus and Mary F. Mutschelknaus, h/w	Clarenco W. Mutschellmaus J. B. J. Enterprises, Inc. Clarence W. Mutschellmaus J. B. J. Enterprises, Inc. Clarenco W. Mutschellmaus Antero Resources Corporation CNK Gas Company LLC J. B. J. Enterprises, Inc. Clarence W. Mutschellmaus CNK Gas Company LLC Clarence W. Mutschellmaus CLAR CMK Gas Company LLC Clarence W. Mutschellmaus Clarence W. Mutschellmaus	Not less than 1/8 Assignment Assignment Assignment Assignment Merger Assignment Not less than 1/8 Assignment Assignment Assignment Not less than 1/8 Assignment	138/463 132/229 131/526 136/728 131/522 131/522 131/522 131/524 131/522 131/524 150/628 245/572 288/1 W/SOS 481/395
	8 Percei 1-4, P/O	OLS#	STRINGN LESSOLUTION  Identy L. Davis  Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theirna McCullough and Corbett McCullough her husband Helen P. Buff Lula L. Backus Clyde M. Shinn Mary Lee Scalf and Robert P. Scalf Betty Jean Dinella and John Dinella, w/h Roy R. Shinn and Evelyn Shinn, h/w Clarence W. Mutschelknaus I & J. Enterprises, Inc. and Union Drilling, Inc. Clarence W. Mutschelknaus Bluestone Energy Partners Antero Resources Bluestone LLC Antero Resources Corporation  Clarence W. Mutschelknaus and Mary F. Mutschelknaus, h/w  J & J. Enterprises, Inc. and Union Drilling, Inc.  Clarence W. Mutschelknaus and Mary F. Mutschelknaus, h/w  J & J. Enterprises, Inc. and Union Drilling, Inc.  Clarence W. Mutschelknaus and Mary F. Mutschelknaus, h/w  J & J. Enterprises, Inc. and Union Drilling, Inc.  Clarence W. Mutschelknaus	Clarenco W. Mutschelknaus J. B. J Enterprises, Inc. Clarence W. Mutschelknaus Bluestone Energy Partners Antero Resources Bluestone LLC Antero Resources Bluestone LLC CNX Gas Company LLC J. B. J Enterprises, Inc. Clarence W. Mutschelknaus Bluestone Energy Partners Clarence W. Mutschelknaus Bluestone Energy Partners	Not less than 1/8 Assignment Assignment Assignment Merger Assignment Morier Assignment Merger Assignment Not less than 1/8 Assignment	138/463 132/229 131/526 136/728 131/522 131/524 131/524 131/524 131/625 150/628 245/572 288/1 WVSOS 481/395
	8 Percei 1-4, P/O	OLS#	STRINGY, LESSOL, SIG.  Is M. Powell, Dennis H. Powell and Mellie M. Powell, h/w  Jerry L. Davis  Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theirna McCullough and Corbett McCullough her husband  Helen P. Buff  Lula L. Backus  Clyde M. Shinn  Mary Lee Scalf and Robert P. Scalf  Betty Jean Dinella and John Dinella, w/h  Roy R. Shinn and Evelyn Shinn, h/w  Carence W. Mutschelknaus  J & J Enterprises, inc. and Union Drilling, inc.  Clarence W. Mutschelknaus  Bluestone Energy Partners  Antero Resources Bluestone LLC  Antero Resources Bluestone LLC  Antero Resources Corporation  Clarence W. Mutschelknaus and Mary F. Mutschelknaus, h/w  J & J Enterprises, inc., and Union Drilling, inc.  Clarence W. Mutschelknaus and Mary F. Mutschelknaus, h/w  J & J Enterprises, inc., and Union Drilling, inc.  Clarence W. Mutschelknaus  Bluestone Energy Partners	Clarenco W. Mutschelknaus Lis I Enterprises, Inc. Clarence W. Mutschelknaus Bluestone Energy Partners Antero Resources Bluestone LLC Antero Resources Comparation CNX Gas Company LLC Li Enterprises, Inc. Clarence W. Mutschelknaus Bluestone Energy Partners Antero Resources Guestone LLC Antero Resources Guestone LLC Li Enterprises, Inc. Clarence W. Mutschelknaus Bluestone Energy Partners Antero Resources Bluestone LLC	Not less than 1/8 Assignment Assignment Assignment Assignment Merger Assignment Not less than 1/8 Assignment	138/463 132/229 131/526 136/728 131/522 131/742 131/524 131/322 131/740 150/628 245/572 288/1 W/SOS 481/395 159/668 150/628 245/572 288/1
	8 Percei 1-4, P/O	OLS#	STRINGY, LESSOLUTE  Is M. Powell, Dennis H. Powell and Meille M. Powell, h/w Jerry L. Davis Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theirne McCullough and Corbett McCullough her husband Helen P. Buff Lula L. Backus Clyde M. Shinn Mary Leo Scalf and Robert P. Scalf Betty Jean Dineila and John Dineila, w/h Roy R. Shinn and Evelyn Shinn, h/w Clarence W. Mutschelknaus J & J. Enterprises, Inc. and Union Drilling, Inc. Clarence W. Mutschelknaus Bluestone Energy Partners Antero Resources Bluestone LLC Antero W. Mutschelknaus and Mary F. Mutschelknaus, h/w J & J. Enterprises, Inc. and Union Drilling, Inc. Clarence W. Mutschelknaus and Mary F. Mutschelknaus, h/w J & J. Enterprises, Inc. and Union Drilling, Inc. Clarence W. Mutschelknaus and Mary F. Mutschelknaus, h/w J & J. Enterprises, Inc. and Union Drilling, Inc. Clarence W. Mutschelknaus Bluestone Energy Partners Antero Resources Bluestone LLC	Clarenco W. Mutschellmaus J & J Enterprises, Inc. Clarence W. Mutschellmaus J & J Enterprises, Inc. Clarence W. Mutschellmaus Antero Resources Bluestone LLC Antero Resources Corporation CKK Gas Company LLC Clarence W. Mutschellmaus Bluestone Energy Partners Antero Resources Corporation CAK Gas Company LLC Clarence W. Mutschellmaus Bluestone Energy Partners Antero Resources Bluestone LLC Antero Resources Corporation	Not less than 1/8 Assignment Assignment Assignment Merger Assignment Not less than 1/8 Assignment Assignment Assignment Assignment Assignment Assignment Not less than 1/8 Assignment	138/463 132/229 131/526 136/728 131/522 131/522 131/522 131/524 131/522 131/526 150/628 245/572 288/1 WVSOS 481/395
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	8 Percei 1-4, P/O	OLS#	STRINGY, LESSOLUTION  LETTY L. Davis  Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theirna McCullough and Corbett McCullough her husband Helen P. Buff Lula L. Backus Clyde M. Shinn Mary Lee Scalf and Robert P. Scalf Betty Jean Dinella and John Dinella, w/h Roy R. Shinn and Evelyn Shinn, h/w Clarence W. Mutschelinaus J B. I Enterprises, Inc. and Union Drilling, Inc. Clarence W. Mutschelinaus Bluestone Energy Partners Antero Resources Eluestone LLC Antero Resources Eluestone LLC Clarence W. Mutschelinaus Bluestone Energy Partners Antero Resources Corporation  Clarence W. Mutschelinaus and Mary F. Mutschelinaus, h/w Clarence W. Mutschelinaus and Mary F. Mutschelinaus, h/w Bluestone Energy Partners Antero Resources Sluestone LLC Clarence W. Mutschelinaus and Mary F. Mutschelinaus, h/w Bluestone Energy Partners Antero Resources Bluestone LLC Antero Resources Antero Resources Corporation  Carillo James and Karen M. James, JTROS See Ann Gillies	Clarenco W. Mutschelknaus J. B. J Enterprises, Inc. Clarence W. Mutschelknaus J. B. J Enterprises, Inc. Clarence W. Mutschelknaus Antero Resources Gluestone LLC Antero Resources Corporation CNX Gas Company LLC J. B. J Enterprises, Inc. Clarence W. Mutschelknaus Sluestone Energy Partners Antero Resources Sluestone LLC Antero Resources Sluestone LLC Antero Resources Corporation CNX Gas Company LLC Antero Resources Corporation CNX Gas Company LLC	Not less than 1/8 Assignment Assignment Assignment Merger Assignment Not less than 1/8 Assignment Assignment Assignment Nerger Assignment Not less than 1/8 Assignment Assignment Assignment Assignment Assignment Assignment Assignment Nerger Assignment Nerger Assignment Nerger Assignment Nerger Assignment Not less than 1/8 Not less than 1/8 Not less than 1/8	138/463 132/229 131/526 136/728 131/522 131/742 131/524 131/524 131/524 131/625 245/572 288/1 WVSOS 481/395 150/628 245/572 288/1 WVSOS 481/395 150/628 150/628 150/628 150/628 150/628 150/628 150/628 150/628 150/628 150/628
2C	8 Percei 1-4, P/O	OLS#	STRINGN LESSOLUTE  Is M. Powell, Dennis H. Powell and Mellie M. Powell, h/w  Jerry L. Davis  Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theirne McCullough and Corbett McCullough her husband  Helen P. Buff  Lula L. Backus  Clyde M. Shinn  Mary Leo Scalf and Robert P. Scalf  Betty Jean Dinella and John Dinella, w/h  Roy R. Shinn and Evelyn Shinn, h/w  Clarence W. Mutschelknaus  J B. J Enterprises, Inc. and Union Drilling, Inc.  Clarence W. Mutschelknaus  Bluestone Energy Partners  Antero Resources Bluestone LLC  Antero W. Mutschelknaus and Mary F. Mutschelknaus, h/w  J B. J Enterprises, Inc. and Union Drilling, Inc.  Clarence W. Mutschelknaus and Mary F. Mutschelknaus, h/w  J B. J Enterprises, Inc. and Union Drilling, Inc.  Clarence W. Mutschelknaus and Mary F. Mutschelknaus, h/w  J B. J Enterprises, Inc. and Union Drilling, Inc.  Clarence W. Mutschelknaus Bluestone LLC  Antero Resources Bluestone LLC  Antero Resources Bluestone LLC  Antero Resources Corporation  Carlie James and Karen M. James, JTROS	Clarenco W. Mutschelknaus J. B. J. Enterprises, Inc. Clarence W. Mutschelknaus J. B. J. Enterprises, Inc. Clarence W. Mutschelknaus Antero Resources Bluestone LLC Antero Resources Corporation CXK Gas Company LLC J. B. J. Enterprises, Inc. Clarence W. Mutschelknaus Bluestone Energy Partners Antero Resources Corporation CNK Gas Company LLC Antero Resources Bluestone LLC Antero Resources Siluestone LLC Antero Resources Siluestone LLC Antero Resources Corporation CNK Gas Company LLC Antero Resources Corporation	Not less than 1/8 Assignment Assignment Assignment Merger Assignment Not less than 1/8 Assignment Merger Assignment Assignment Not less than 1/8 Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Not less than 1/8 Not less than 1/8 Not less than 1/8	138/463 132/229 131/526 136/728 131/522 131/522 131/522 131/524 131/522 131/740 150/628 245/572 288/1 WVSOS 481/395 159/668 150/628 245/572 288/1 WVSOS 481/395

loct ID	Tax Map & Parcel	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
132A	1-4, P/O	293606000	ila M. Powell, Dennis H. Powell and Melile M. Powell, h/w	Clarence W. Mutschelknaus	Not less than 1/8	138/463
	Parcel 7		Jerry L Davis	Clarence W. Mutschelknaus	Not less than 1/8	132/229
			Blanche Ford, widow, Blanche Ford POA for Leman L. Shinn, Theima			
			McCullough and Corbett McCullough her husband	Clarence W. Mutschelknaus	Not less than 1/8	131/526
			Helen P. Buff	Clarence W. Mutschelknaus	Not less than 1/8	136/728
	-	i	Lula L. Backus	Clarence W. Mutscheiknaus	Not less than 1/8	131/522
			Clyde M. Shian	Clarence W. Mutschelknaus	Not less than 1/8	131/742
		<del></del>	Mary Lee Scalf and Robert P. Scalf	Clarence W. Mutschelknaus	Not less than 1/8	131/524
		i	Betty Jean Dinella and John Dinella, w/h	Clarence W. Mutschelknaus	Not less than 1/8	131/322
			Roy R. Shinn and Evelyn Shinn, h/w	Clarence W. Mutschelknaus	Not less than 1/8	131/740
		<del> </del>	Clarence W. Mutschelknaus	J & J Enterprises, Inc.	Assignment	150/625
			J & J Enterprises, Inc. and Union Drilling, Inc.	Clarence W. Mutschelknaus	Assignment	150/628
			Clarence W. Mutschelknaus	Bluestone Energy Partners	Assignment	245/572
			Bluestone Energy Partners	Antero Resources Bluestone LLC	Assignment	288/1
		<del> </del>	Antero Resources Bluestone LLC	Antero Resources Corporation	Merger	wysos
		<del> </del>	Antero Resources Eulestone LLC	CNX Gas Company LLC	Assignment	481/395
			Antero resources corporadori	CIEX GIS COMPANY LLC	Passignine it	102,333
		<del></del>	Clarence W. Mutschelknaus and Mary F. Mutschelknaus, h/w	J & J Enterprises, Inc.	Not less than 1/8	159/668
				1	Assignment	150/628
			J & J Enterprises, Inc. and Union Drilling, Inc.	Clarence W. Mutschelknaus	Assignment	245/572
			Clarence W. Mutschelknaus	Bluestone Energy Partners		288/1
			Bluestone Energy Partners	Antero Resources Bluestone LLC	Assignment	WVSOS
			Antero Resources Bluestone LLC	Antero Resources Corporation	Merger	481/395
			Antero Resources Corporation	CNX Gas Company LLC	Assignment	481/393
		<u> </u>	Carlie James and Karen M. James, JTROS	Antero Resources Corporation	Not less than 1/8	394/390
		<u> </u>	Sue Ann Gilles	Antero Resources Corporation	Not less than 1/8	400/661
		<u> </u>	Joel Gillies	CNX Gas Company LLC	Ratification	498/467
			Antero Resources Corporation	CNX Gas Company LLC	Assignment	481/395
		<u> </u>				
ract ID	R Percel	Title Opinion QLS#	Grantor, Lessor, etc.	Grantee, Lessee, etc	Royalty	Book/Page
131	1-4.	293590000	Arnold Lyle Stuart	CNX Gas Company LLC	Not less than 1/8	396/521
	Parcel 7.1		Katherine Foster Leggett	CNX Gas Company LLC	Not less than 1/8	417/182
			Jeffrey S. Anderson	CNX Gas Company LLC	Not less than 1/8	417/185
			Eric T. Anderson	CNX Gas Company LLC	Not less than 1/8	421/295
		·	Brenda J. Fulton	CNX Gas Company LLC	Not less than 1/8	417/188
			Timothy C. Philips	CNX Gas Company LLC	Not less than 1/8	417/191
			Freda B. Jones	CNX Gas Company LLC	Not less than 1/8	417/194
		<del></del>	Lorelei L. Phillips	CNX Gas Company LLC	Not less than 1/8	417/197
				CNX Gas Company LLC	Not less than 1/8	417/200
			Carolyn S. Gaston		Not less than 1/8	419/109
			Randall R. Leggett	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	419/109 417/605
			Randail R. Leggett Elizabeth A. Guldo	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	
			Randall R. Leggett Elizabeth A. Guido Bernard K. Leggett	CNX Gas Company LLC CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	417/605 418/302
			Randall R. Leggett Elizabeth A. Guldo Bernard K. Leggett Eleanor F. DeLuwder	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8 Not less than 1/8	417/605 418/302 418/305
			Randall R. Leggett Elizabeth A. Guido Bernard K. Leggett Eleanor F. DeLuwder Janice K. Snider	CNX Gas Company LLC	Not less than 1/8	417/605 418/302 418/305 418/320
			Randall R. Laggett Elizabeth A. Guldo Bernard K. Leggett Eleanor F. DeLawder Janice K. Snider SJJ. Leggett Family LLC	CNX Gas Company LLC	Not less than 1/8	417/605 418/302 418/305 418/305 418/320 418/308
			Randall R. Leggett Elizabeth A. Guido Bernard K. Leggett Eleanor F. DeLuwder Janice K. Snider S.J. Leggett Family LLC Jenniffer L. Powers	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	417/605 418/302 418/305 418/320 418/308 418/311
			Randall R. Leggett Elizabeth A. Guldo Bernard K. Leggett Eleanor F. DeLuwder Janice K. Snider S.J.J. Leggett Family LLC Jennifer L. Powers Beverlee A. Grose	CNX Gas Company LLC	Not less than 1/8	417/605 418/302 418/305 418/320 418/308 418/311 418/314
			Randall R. Leggett Elizabeth A. Guldo Bernard K. Leggett Eleanor F. DeLawder Janice K. Snider Janice K. Snider J.J. Leggett Family LLC Jennifer L. Powers Beverlee A. Grose Kimberly K. Davis	CNX Gas Company LLC	Not less than 1/8	417/605 418/302 418/305 418/320 418/308 418/311 418/314 419/112
			Randall R. Leggett Elizabeth A. Guldo Bernard K. Leggett Eleanor F. DeLuwder Janice K. Snider S.J.J. Leggett Family LLC Jennifer L. Powers Beverlee A. Grose	CNX Gas Company LLC	Not less than 1/8	417/605 418/302 418/305 418/320 418/308 418/311 418/314



Sarah Weigand Manager Upstream Permitting Email: SarahWeigand@cnx.com 724-485-4000

CNX Center 1000 CONSOL Energy Drive Work: 724-485-3244 Canonsburg, PA 15317-6506 cov com

October 8, 2021

West Virginia Department of Environmental Protection Office of Oil & Gas 601 57th Street, SE Charleston, WV 25304-2345

RE: Road Letter - SHR37 M2 Well Pad Drilling Applications

To Whom It May Concern:

CNX Gas Company, LLC has the right to drill, stimulate, and produce wells that are drilled under the County and State roads as designated on the plats.

If any further information or correspondence is required, please contact me at (724) 485-3244 or SarahWeigand@cnx.com.

Sincerely,

Paid-Weignel Sarah Weigand

RECEIVED Office of Oil and Gas

NOV 1 5 2021

## STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE CERTIFICATION

Date of Notic	ce Certification: 11/12/2021	<b>API No.</b> 47-	. <u>.</u>	
		Operator's	Well No. SHR3	70HSM
		Well Pad N	ame: SHR37	
Notice has I	peen given:			_
		22-6A, the Operator has provided the requ	uired parties w	ith the Notice Forms listed
below for the	tract of land as follows:	•	-	
State:	West Virginia	UTM NAD 83 Easting:	513285.262	
County:	Tyler	Northing:	4356027.989	
District:	Centerville	Public Road Access:	Duckworth Ridge	Road (CR 58/2)
Quadrangle:	West Union	Generally used farm name:	CNX	
Watershed:	Headwaters Middle Island Creek			
it has provide information re of giving the requirements Virginia Code	ed the owners of the surface describ equired by subsections (b) and (c), sec surface owner notice of entry to sur of subsection (b), section sixteen of	nall contain the following information: (14 ed in subdivisions (1), (2) and (4), subsection sixteen of this article; (ii) that the requestry pursuant to subsection (a), section to this article were waived in writing by the theorem of and certify to the secretary to the secretar	ection (b), securirement was en of this article ow	tion ten of this article, the deemed satisfied as a result ele six-a; or (iii) the notice ner; and Pursuant to West
that the Ope	West Virginia Code § 22-6A, the Operator has properly served the required	erator has attached proof to this Notice Ce I parties with the following:	ertification	OOG OFFICE USE
TPLEASE CHI	ECK ALL THAT APPLY			ONLY
☐ 1. NO	FICE OF SEISMIC ACTIVITY or	■ NOTICE NOT REQUIRED BECAU SEISMIC ACTIVITY WAS CONDUCT		☐ RECEIVED/ NOT REQUIRED
☐ 2. NO	TICE OF ENTRY FOR PLAT SURV	EY or 🔳 NO PLAT SURVEY WAS CO	NDUCTED	☐ RECEIVED
☐ 3. NO	TICE OF INTENT TO DRILL or	☐ NOTICE NOT REQUIRED BECAU NOTICE OF ENTRY FOR PLAT SURV WAS CONDUCTED or		☐ RECEIVED/ NOT REQUIRED
		WRITTEN WAIVER BY SURFACE (PLEASE ATTACH)	E OWNER	
■ 4. NO	TICE OF PLANNED OPERATION	RE	ECEIVED of Oil and Gas	□ RECEIVED
■ 5. PUE	BLIC NOTICE		1 5 2021	☐ RECEIVED
■ 6. NO	TICE OF APPLICATION		Department of mental Protect	n RECEIVED

### **Required Attachments:**

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

### Certification of Notice is hereby given:

THEREFORE, I Sarah Miles West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A. I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

CNX GAS COMPANY LLC	Address:	1000 CONSOL Energy Drive
Sarah Weigand / ) a work (MOSER)	el	Canonsburg, PA 15317
Manager Upstream Permitting	Facsimile:	
724-485-3244	Email:	sarahweigand@cnx.com
wealth of Pennsylvania - Notary Seal ecca Zachwieja, Notary Public Washington County mission expires November 7, 2023 ommission number 1269683	Leberra	orn before me this 5 day of MRMSUN FUH.  Notary Public
1	Sarah Weigand O with Weigand Manager Upstream Permitting 724-485-3244  Renastration G. County NOTARY SEAL.  Wealth of Pennsylvania - Notary Seal ecca Zachwieja, Notary Public Washington County mission expires November 7, 2023	Sarah Weigand  Manager Upstream Permitting  Facsimile:  724-485-3244  Email:  NOTARY SEAL  Wealth of Pennsylvania - Notary Seal acca Zachwieja, Notary Public  Washington County mission expires November 7, 2023  mmission number 1269683  Facsimile:  Facsimile:  Subscribed and sweether Subscribed and Subscribed an

### Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

Office of Oil and Gas

WW-6A (9-13) API NO. 47OPERATOR WELL NO. SHR370HSM
Well Pad Name: SHR37

## STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF APPLICATION

Notice Time Requirement: notice shall be provided no later that	n the filing date of permit application.	
Date of Notice:     Date Permit Application Filed:     Notice of:	5/2071	
✓ PERMIT FOR ANY WELL WORK CONSTRUCTION OF A	PROVAL FOR THE AN IMPOUNDMENT OR PIT	
Delivery method pursuant to West Virginia Code § 22-6A-10	(b)	
	OD OF DELIVERY THAT REQUIRES A PT OR SIGNATURE CONFIRMATION	
certificate of approval for the construction of an impoundment or piregistered mail or by any method of delivery that requires a receipt of sediment control plan required by section seven of this article, and the surface of the tract on which the well is or is proposed to be located and gas leasehold being developed by the proposed well work, if described in the erosion and sediment control plan submitted pursual operator or lessee, in the event the tract of land on which the well primore coal seams; (4) The owners of record of the surface tract or traction well work, if the surface tract is to be used for the placement, constraint impoundment or pit as described in section nine of this article; (5) A have a water well, spring or water supply source located within one provide water for consumption by humans or domestic animals; and proposed well work activity is to take place. (c)(1) If more than three subsection (b) of this section hold interests in the lands, the applicant records of the sheriff required to be maintained pursuant to section of provision of this article to the contrary, notice to a lien holder is not Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide water purveyor or surface owner subject to notice and water testing sections.	or signature confirmation, copies of the application, the well plat to each of the following persons: (1) The ated; (2) The owners of record of the surface tract or to the surface tract is to be used for roads or other land and to subsection (c), section seven of this article; (3) to proposed to be drilled is located [sic] is known to be uncerts overlying the oil and gas leasehold being developed and surface owner or water purveyor who is known to thousand five hundred feet of the center of the well personant five hundred feet of the center of the well personant in common or other co-owners of interests of the may serve the documents required upon the personal sight, article one, chapter eleven-a of this code. (2) No notice to a landowner, unless the lien holder is the lar rovide the Well Site Safety Plan ("WSSP") to the surface of the surface of the surface of the surface of the Site Safety Plan ("WSSP") to the surface of	e erosion and owners of record of racts overlying the disturbance as The coal owner, derlain by one or ed by the proposed indonment of any the applicant to ad which is used to in which the described in described in the otwithstanding any indowner, W. Va.
☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice	☑ Well Plat Notice is hereby provided to:	
SURFACE OWNER(s)	☐ COAL OWNER OR LESSEE /	100
Name: CNX Gas Company LLC Address: 1000 CONSOL Energy Drive	Name: CNX Gas Company LLC  Address: 1000 CONSOL Energy Drive	Office of Oil and Gas
Canonsburg, PA 15317	Canonsburg, PA 15317	- and Gas
Name:	□ COAL OPERATOR	NOV 1 5 2021
Address:	Name:	MALE
	Address;	Environmental Protection
☐ SURFACE OWNER(s) (Road and/or Other Disturbance)		Protection
Name:	☑ SURFACE OWNER OF WATER WELL	
Address:	AND/OR WATER PURVEYOR(s)	
	Name: See attached.	
Name:	Address:	
Address:	OPERATOR OF ANY NATURAL GAS STOR	
☐ SURFACE OWNER(s) (Impoundments or Pits) Name:	Name:	
Name: Address:	Address:	
210,000	*Please attach additional forms if necessary	

API NO. 47- 095 - 0277Z
OPERATOR WELL NO. SHR370HSM
Well Pad Name: SHR37

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

#### This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W, Va, Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57<sup>th</sup> Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting <a href="https://www.dep.wv.gow/oil-and-gas/pages/default-aspx">www.dep.wv.gow/oil-and-gas/pages/default-aspx</a>.

#### Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12. Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section, (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items WW-6A (8-13) API NO. 47-095 - 02772
OPERATOR WELL NO. SHR370HSM
Well Pad Name: SHR37

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

### Water Well Testing:

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

### Water Testing Laboratories:

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

### Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

#### Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

Chief, Office of Oil and Gas Department of Environmental Protection 601 57<sup>th</sup> St. SE Charleston, WV 25304 (304) 926-0450

Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

API NO. 47- 095 - 02777
OPERATOR WELL NO. SHR370HSM
Well Pad Name: SHR37

### Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have THIRTY (30) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

### Comment Requirements

Your comments must be in writing and include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Disclaimer: All comments received will be placed on our web site <a href="http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx">http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx</a> and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

### Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

- (1) The proposed well work will constitute a hazard to the safety of persons;
- (2) The plan for soil erosion and sediment control is not adequate or effective;
- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable crosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

WW-6A (8-13) API NO. 47- 095 - 02772

OPERATOR WELL NO. SHR37OHSM

Well Pad Name: SHR37

Notice is hereby given by:

Well Operator: CNX Gas Company LLC

Address: 1000 CONSOL Energy Drive, Canonsburg, PA 15317

Telephone: 724-485-3244

Email: SarahWeigand@cnx.com Jan du Welsen

Facsimile:

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at <a href="mailto:deprivacyofficer@wv.gov">deprivacyofficer@wv.gov</a>.

Commonwealth of Pennsylvania - Notary Seal Rebecca Zachwieja, Notary Public Washington County My commission expires November 7, 2023 Commission number 1269683

Member, Pennsylvania Association of Notaries

Subscribed and sworn before me thi

,\_\_\_\_\_

My Commission Expires

Office of Oil and Gas

### Surface Owner of Water Well and/or Water Purveyor(s):

CNX RESOURCES CORPORATION 1000 CONSOL ENERGY DRIVE CANONSBURG, PA 15317

RYAN & CARRIE L DAVIS 730 THRUST DRIVE VASS, NC 28394

RIKI NICOLE DUNCAN (RILEY) 8100 SHAW AVENUE HAMLIN, WV 25523

DANNY CARL & PATRICIA J HABRIS 16269 MIDDLE ISLAND ROAD WEST UNION, WV 26456

EDWIN D & PATRICIA L MULYAY 3665 SHORT RUN ROAD PENNSBORO, WV 26415

FORREST G. POWELL PO BOX 91 ALMA, WV 26320

ELDEN L, RODNEY DEAN, & TIMOTHY RAY PRATT 873 DUCKWORTH RIDGE ROAD ALMA, WV 26320

RODNEY D. PRATT / 365 DUCKWORTH RIDGE ROAD ALMA, WV 26320

RONALD ROYCE & REVA D. ROWLAND 358 DUCKWORTH RIDGE ROAD ALMA, WV 26320

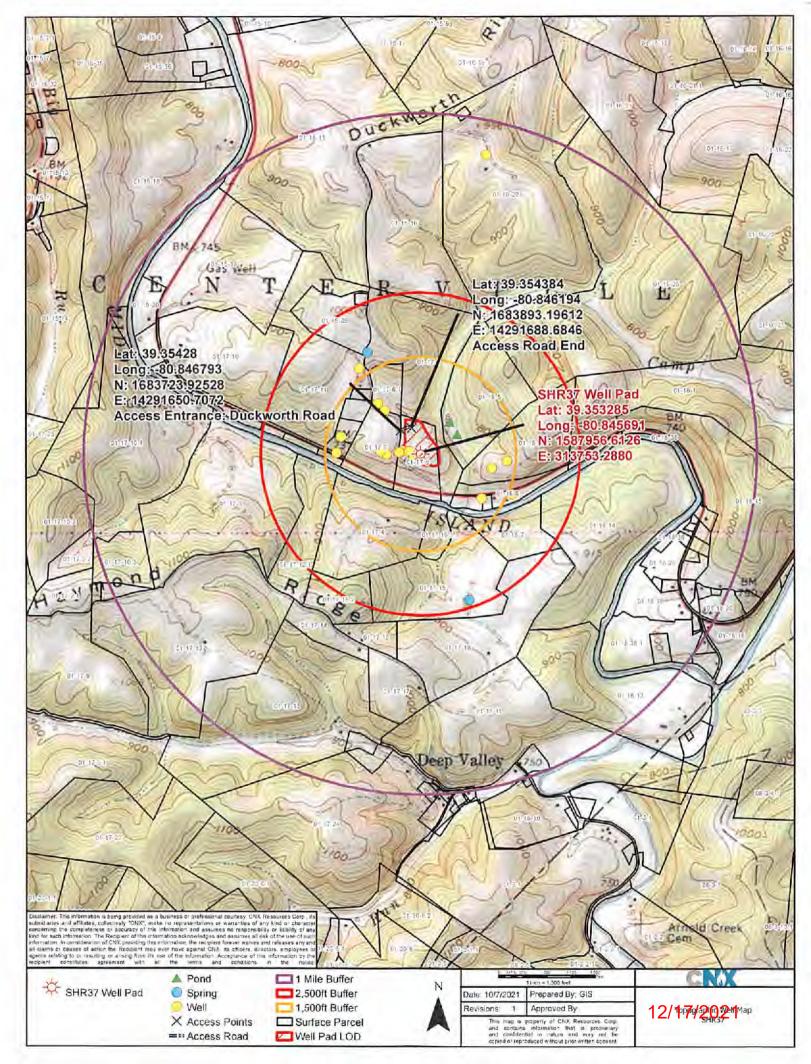
GAIL WILLIAMSON

195 DUCKWORTH RIDGE ROAD

ALMA, WV 26320

DOUG LANTZ 1376 MIDWAY ROAD / BELINGTON, WV 26250 RECEIVED Office of Oil and Gas

NOV 1 5 2021





Sarah Weigand Manager Upstream Permitting Email: 5arahWeigano@cnx.com 724-485-4000

1000 CONSOL Energy Drive Work: 724-485-3244 Canonsburg, PA 15317-6506 cnx com-

October 11, 2021

West Virginia Department of Environmental Protection Office of Oil & Gas 601 57th Street, SE Charleston, WV 25304-2345

RE: SHR370HSM Waiver Request

To Whom It May Concern:

CNX Gas Company LLC (CNX) as surface and coal owner of the SHR370HSM drill tract hereby waives the right to receive the Notice of Intent to Drill. An executed Voluntary Statement of No Objection form has been included with this application.

If any further information or correspondence is required, please contact me at (724) 485-3244 or SarahWeigand@cnx.com.

Sincerely,

Darde Meizen Sarah Weigand

WW-6A5 (1/12)

4709502772 Operator Well No. SHR370HSM

### STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF PLANNED OPERATION

	Requirement: notice shall be proved: MINDO Date Per	vided no later than the filing rmit Application Filed: 41		application.	
Delivery met	hod pursuant to West Virginia C	Code § 22-6A-16(c)			
■ CERTIF	FIED MAIL	☐ HAND			
	RN RECEIPT REQUESTED	DELIVERY			
return receipt the planned of required to be drilling of a l damages to th (d) The notice of notice.	V. Va. Code § 22-6A-16(c), no la requested or hand delivery, give the operation. The notice required by a provided by subsection (b), section horizontal well; and (3) A proposite surface affected by oil and gas of estimated by this section shall be be a provided to the SURFACE Comparison.	the surface owner whose land this subsection shall inclused the of this article to a surface use and compension perations to the extent the digiven to the surface owner.	d will be used for de: (1) A copy ace owner whos sation agreement amages are comp	or the drilling of a of this code sect the land will be use the containing an opensable under art	horizontal well notice of tion; (2) The information ed in conjunction with the offer of compensation for ticle six-b of this chapter.
(at the address	s listed in the records of the sheriff	at the time of notice):			
Name: CNX Gas		/ Name:			
Address: 1000 Canonsburg, PA 1	CONSOL Energy Drive	Addres	s:		
	/est Virginia Code § 22-6A-16(c), the surface owner's land for the pu West Virginia Tyler		il well on the tra		
District:	Centerville	Public Road		Duckworth Ridge Roa	id (CR 58/2)
Quadrangle:	West Union		ed farm name:	CNX	
Watershed:	Headwaters Middle Island Creek				
Pursuant to W to be provide horizontal we surface affect information re	Shall Include: /est Virginia Code § 22-6A-16(c), rd by W. Va. Code § 22-6A-10(b) rd; and (3) A proposed surface use red by oil and gas operations to the related to horizontal drilling may be related at 601 57th Street, SE, reault.aspx.	to a surface owner whose and compensation agreeme are extent the damages are com- be obtained from the Secre	e land will be unt containing an ompensable und tary, at the WV	used in conjunction offer of compenser article six-b of Department of E	on with the drilling of a sation for damages to the f this chapter. Additional Environmental Protection
Well Operator	CNX Gas Company LLC	Address:	tone covery F	N. P.	Office of Off and Gas
Telephone:	724-485-3244	riddiess.	1000 CONSOL Ener Canonsburg, PA 153	20.00	NOV 1 5 2021
Email:	SarahWeigand@cnx.com	The Facsimile:			WV Departmen
Oil and Car l	Privacy Notice:	0			WV Department of Environmental Protection

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW-6RW (1-12)

CNX # 294099001

API NO. 47-			
OPERATOR WELL	NO.	See Exhibit A	_
Well Pad Name:			

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL LOCATION RESTRICTION WAIVER

The well op work. Please	erator, CNX GAS COMPANY LLC e be advised that well work permits a	is applying for a pen are valid for twenty-four	nit from the State (24) months.	of West Virginia to conduct oil or gas well
Pursuant to any existing located within larger used to dwellings or provided in sarticle was public written colorly dependent of the variance by to practices to conditions the	water well or developed spring use in six hundred twenty-five feet of an to house or shelter dairy cattle or p agricultural buildings that existed o section ten of this article or a notice of rovided, whichever occurs first, and onsent of the surface owner transmic county commission for the county is the secretary from these distance res	ed for human or domest n occupied dwelling stru poultry husbandry. This of intent to drill a horized to any dwelling under a nitted to the department in which such property strictions upon submission instruction, drilling and safety and protection of	neture, or a building	ndred fifty feet measured horizontally from option. The center of well pads may not be go two thousand five hundred square feet or plicable to those wells, developed springs, of planned entry for surveying or staking as ded in subsection (b), section sixteen of this to that date. This limitation may be waived the real property records maintained by the ermore, the well operator may be granted a dentifies the sufficient measures, facilities variance, if granted, shall include terms and and property. The terms and conditions may
		WAIVI		
WW-6A and required, and State: County: District: Quadrangle: Watershed:	attachments consisting of pages one the well plat, all for proposed well West Virginia Tyler Centerville West Union Headwaters Middle Island Creek	work on the tract of lane UTM NA UTM NA Public Ro Generally	, including the d as follows: AD 83 Easting: AD 83 Northing: and Access: y used farm name:	lication for a Well Work Permit on Form erosion and sediment control plan, if  513285.2620 m  4356027.9910 m  Duckworth Ridge Road (CR 58/2)  CNX  d I have no objection to a permit being
ssued on tho	se materials and I therefore waive a E RESTRICTIONS BEING WAIV	all well site restrictions I	isted under West	Virginia Code § 22-6A-12(a). TION BY A NATURAL PERSON
Please check	k all that apply			
Please check	k all that apply NG WATER WELLS		Print Name: _ Date:	
Please check			Print Name: Date: FOR EXECU	TION BY A CORPORATION, ETC.
Please check EXISTING DEVEL DWELL	NG WATER WELLS OPED SPRINGS		Print Name:	TION BY A CORPORATION, ETC.  CNX Gas Company LLC  Thy Surmic L  Lice Pysident
Please check EXISTII DEVEL DWELI AGRICU	NG WATER WELLS OPED SPRINGS LINGS ULTURAL BUILDINGS	Sign	Print Name: Date: FOR EXECU Company: By: Time Its: Assale Signature: Date:	TION BY A CORPORATION, ETC.  CNX Gas Company LLC  Ly Surmick  Wice Proident  BECEIVED  Office of Oil and
Please check EXISTII DEVEL DWELI AGRICU Well Operato By: Raymond Ho	NG WATER WELLS OPED SPRINGS LINGS ULTURAL BUILDINGS OF CHANGAS COMPANY LLC	Sign	Print Name: Date: FOR EXECU Company: By: Its: Axiol Signature: Date:	TION BY A CORPORATION, ETC.  CNX Gas Company LLC  Thy Surmick  Lice Pysident  ALIZ 2918  RECEIVED  Office of Oil and
Please check EXISTII DEVEL DWELI AGRICU	NG WATER WELLS OPED SPRINGS LINGS ULTURAL BUILDINGS OF CHANGAS COMPANY LLC	Sig Tele	Print Name: Date: FOR EXECU Company: By: Time Its: Assale Signature: Date:	TION BY A CORPORATION, ETC.  CNX Gas Company LLC  Ly Surmick  Wice Proident  BECEIVED  Office of Oil and

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Preedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at <a href="mailto:depprivacyofficer@wv.gov">depprivacyofficer@wv.gov</a>.

12/17/2021

WW-6RW Well Location Restriction Waiver

**EXHIBIT A** 

SHR37HSM

### Operator Well No.

SHR37DHSM SHR37EHSM SHR37FHSM SHR37GHSM SHR37HHSM SHR37IHSM SHR37IHSM SHR37LHSM SHR37HHSM SHR37NHSM SHR37OHSM SHR37OHSM SHR37PHSM SHR37PHSM

SHR37RHSM

Neil A Archer II
TYLER County 10:31:58 AM
Instrument No 1191946
Date Recorded 12/18/2018
Document Type OG
Pages Recorded 2
Book-Page 627-619
Recording Fee \$5.00
Additional \$6.00

Office of Oil and Gas

NOV 1 5 2021

API NO. 47- 095 - 02772
OPERATOR WELL NO. SHR370HSM
Well Pad Name: SHR37

## STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

### **VOLUNTARY STATEMENT OF NO OBJECTION**

Instructions to Persons Named on Page WW-6A

The well operator named on page WW-6A is applying for a permit from the State of West Virginia to conduct oil or gas well work. Well work permits are valid for twenty-four (24) months. Please contact the listed well operator and the Office of Oil and Gas if you do not own any interest in the listed surface tract.

#### Comment and Waiver Provisions

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary.

Pursuant to West Virginia Code § 22-6A-8(b) No permit may be issued less than thirty days after the filing date of the application for any well work except plugging or replugging; and no permit for plugging or replugging may be issued less than five days after the filing date of the application except a permit for plugging or replugging a dry hole: *Provided*, That if the applicant certifies that all persons entitled to notice of the application under the provisions of subsection (b), section ten of this article have been served in person or by certified mail, return receipt requested, with a copy of the well work application, including the erosion and sediment control plan, if required, and the well plat, and further files written statements of no objection by all such persons, the secretary may issue the well work permit at any time.

### VOLUNTARY STATEMENT OF NO OBJECTION

State:	the well plat, all for proposed well work on the t West Virginia	UTM NAD 83	Faction	513285.262
County:	Tyler	UTMINAD 83	Northing:	4356027.989
District:	Centerville	Public Road A	ccess:	Duckworth Ridge Road
Quadrangle:	West Union	Generally used	I farm name:	CNX Gas Company
Watershed:	Middle Island Creek			
Please check	the box that applies	F	OR EXECUT	ION BY A NATURAL PERSON
TPlease check	the hoy that applies	IN	DE EXECUT	ION RV A NATURAL PERSON
	the box that applies	F	OR EXECUT	ION BY A NATURAL PERSON RECEIVED Office of Oil and G
	the box that applies CE OWNER	Si	gnature:	Office of Oil and G
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■ SURFAC	CE OWNER CE OWNER (Road and/or Other Disturbanc CE OWNER (Impoundments/Pits)	Si Pr Da	gnature: int Name: ate:	Office of Oil and G
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### Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

TMP	1-17-5
Surface Owner	Address
	1000 Consol Energy Drive
CNX Gas Company LLC	Canonsburg, PA 15317
Coal Owner	Address
01116	1000 Consol Energy Drive
CNX Gas Company LLC	Canonsburg, PA 15317

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	Section V – Proposed Additives to be used in Fracturing or Stimulations	
Chemical	Chemical Name	CAS No.
	Water	7732-18-5
28% HCL Acid	Hydrogen Chloride	7647-01-0
	Methyl Alcohol	67-56-1
	N,N-Dimethylformamide	68-12-2
<u> </u>	Ethylene glycol	107-21-1
ACI-150	2-Butoxyethanol	111-76-2
<u> </u>	Poly(oxy-1,2-ethanediyl),.alpha(4-nonylphenyl)omegahydroxy-,branched	127087-87-0
	Tar Bases, quinoline derivs, benzyl chloride-quat	72480-70-7
	Cinnamaldehyde	104-55-2
014.14.44.1.1.700/	Citric Acid	77-92-9
Citric Acid 50%	Water	7732-18-5
	Alkanes, C16-20-iso	90622-59-6
StimSTREAM FR 9800	Butene, homopolymer	9003-29-6
Ţ.	Ethoxylated alcohols (C12-18)	68213-23-0
StimSTREAM SC 398	Bis(HexaMethylene Triamine Penta (Methylene Phosphonic Acid) (BHMT)	34690-00-1
Stims i KEAIVI SC 398	Non-hazardous substances	Proprietary
	Glutaraldehyde	111-30-8
	Didecyl dimethyl ammonium chloride	7173-51-5
Clearal 268	Quaternary Ammonium Compounds	68424-85-1
	Ethanol	64-17-5
	Non-hazardous substances	Proprietary
	Heavy Aliphatic Naphtha	64742-96-7
	TRADE SECRET	Proprietary
VB 625	TRADE SECRET	Proprietary
Γ	TRADE SECRET	Proprietary
	Guar gum	9000-30-0
Ammonium Persulfate	Ammonium Persulfate	7727-54-0

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## WEST VIRGINIA DEPARTMENT OF TRANSPORTATION Division of Highways

D. Alan Reed, P.E. State Highway Engineer 1900 Kanawha Boulevard East • Building Five • Room 110 Charleston, West Virginia 25305-0430 • (304) 558-3505

Jimmy Wriston, P. E. Secretary of Transportation Commissioner of Highways

October 12, 2021

James A. Martin, Chief Office of Oil and Gas Department of Environmental Protection 601 57<sup>th</sup> Street, SE Charleston, WV 25304

Subject: DOH Permit for the SHR-37 Pad, Tyler County SHR37OHSM Well Site

Dear Mr. Martin.

This well site will be accessed from a DOH permit #06-2018-0949 which has been issued to CNX Gas Company for access to the State Road for a well site located off Tyler County Route 58/2 SLS MP 0.25.

This operator is in compliance with §22-6A-20 of the WV Code. Operator has signed a STATEWIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated October 1, 2018. This letter is valid for permitting purposes for one year from the date of this letter.

Very Truly Yours,

Gary K. Clayton, P.E.

Regional Maintenance Engineer

Yary K. Clayton

Central Office O&G Coordinator

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NOV 1 5 2021

WV Department of Environmental Protection

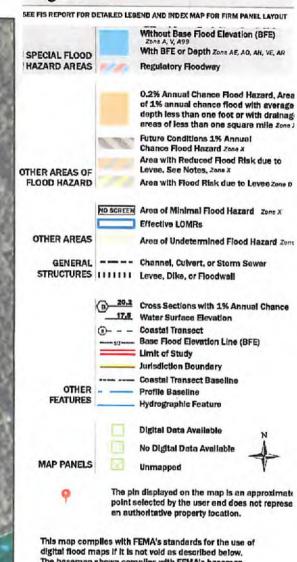
Cc: Becky Zachwieja CNX Gas Company CH, OM, D-6

File

### National Flood Hazard Layer FIRMette



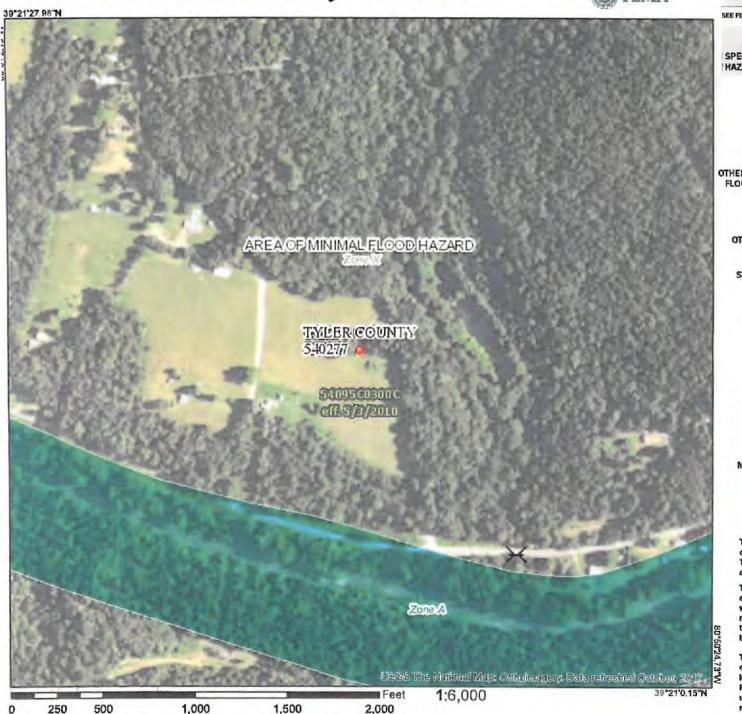
### Legend



The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/19/2018 at 11:31:08 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers. FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.





### CNX RESOURCES CORPORATION

### SHIRLEY 37 WELL PAD AS-BUILT

### **ENTRANCE LOCATION**

NAD 83 - LAT: 39° 21' 15.32"; LONG: 80° 50' 48.62" NAD 27 - LAT: 39° 21' 15.02"; LONG: 80° 50' 49.24"

CENTERVILLE DISTRICT,
TYLER COUNTY, WEST VIRGINIA
DATE: JULY 02, 2019





LOCATION MAP

I hereby certify that I am a licensed engineer in the state of West Virginia. This As-Built certifies, to the best of my knowledge, information and belief; the Well Pad constructed by Anderson Excavating in Tyler County, WV on behalf of CNX Resources Corporation, has been constructed in general conformance to the plans and specifications and, in my professional opinion, is in compilance with applicable laws, codes, and ordinances.



Know what's below. Call before you dig.

Note: Drawing was created on 22x34 paper. 11x17 drawings are half scale. Refer to scale bar for proper scaling.

WVDEP OOG

ACCEPTED AS-BUILT

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CNX RESOURCES CORPORATION	SHEET No.
SHIRLEY 37 SITE PAD AS-BUILT	
TYLER COUNTY, WEST VIRGINIA COVER SHEET	1

SHEET INDEX

DRAWING NAME

COVER SHEET

PLAN VIEW

PLAN VIEW WITH ORTHO

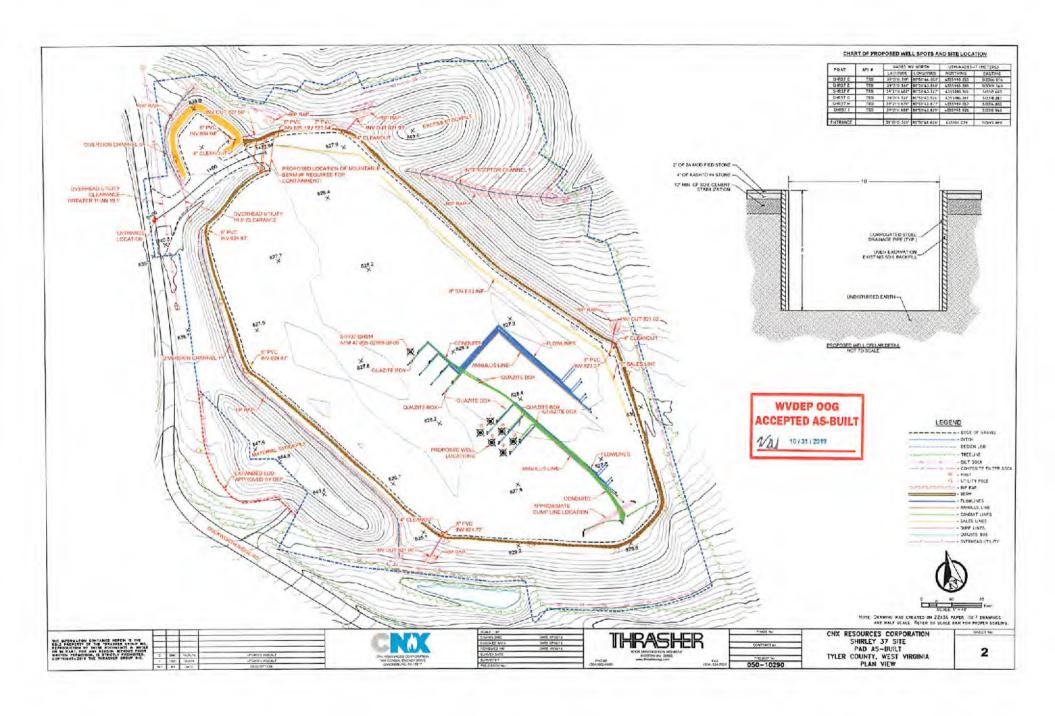
ACCESS ROAD PROFILE

DWG#

1

2

3



NOV 1

## SHR-37 WELL PAD

### **Erosion & Sedimentation Control Plan**

### Centerville District, Tyler County, West Virginia

Prepared For:

SITE ENTRANCE COORDINATES: N39°21'15.37"

W80°50'48.61"

WELL PAD CENTER:

N39°21'12.90" W80°50'44.67"

(39.354269,-80.846836) (39.353583,-80.845742)

SITE VICINITY MAP

### CNX GAS COMPANY, LLC

1000 CONSOL Energy Drive Canonsburg, PA 15317

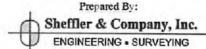
Issue Date: November 19, 2018 Revised: January 16, 2019

#### SITE LOCATION MAP



# 1 SU





1712 Mt. Nebo Road Sewickley, PA 15143

Office Phone: 412-219-4509 Email: Info@SheffierCo.com

### WVDEP OOG

APPROVED

#### **DRAWING SCHEDULE**

SHEET NO.	SHEET TITLE
1 OF 13	TITLE SHEET
2 OF 13	GENERAL NOTES
3 OF 13	EXISTING CONDITIONS PLAN
4 DF 13	SITE SOILS PLAN
5 OF 13	EROSION & SEDIMENTATION CONTROL AND GRADING PLAN
6 OF 13	ACCESS ROAD PROFILES, SECTIONS, AND OFFSET EXHIBIT
7 OF 13	WELL PAD PROFILES
8 OF 13	GEOTECHNICAL DETAILS
9 OF 13	EROSION AND SEDIMENTATION CONTROL DETAILS
10 OF 13	CONSTRUCTION DETAILS
11 OF 13	SITE RESTORATION PLAN
12 OF 13	SITE REVEGETATION PLAN
13 OF 13	QUANTITY SUMMARY
	Action Community

#### LANDOWNER IMPACT TABLE

ACRES	LANDOWNER
8.5	CNX Gas Company, LLC 01-17-5

Cragin Blevins
Digitally signed by Cragin
Blevins
Date: 2021.11.08 10:40:01 -05'00'

1/13

