WR-35 Rev. 8/23/13

Page T 2 2023 T 2023	artment of Environment	f West Virginia al Protection - Offi 's Report of Well V		S
seo pue lio lo eo <b>ilio</b> DELECEINED API <u>47</u> -061 -01900	County MONON		District BATTE	ILLE
Quad WADESTOWN	Pad Name WDTN	119	Field/Pool Name	
Farm name CNX Gas Company L			_ Well Number	WDTN19BHSM
Operator (as registered with the OOC Address 1000 HORIZON VUE D		NY LLC IONSBURG	State PA	Zip 15317
As Drilled location NAD 83/UTM Top hole Landing Point of Curve Bottom Hole	Attach an as-drilled Northing 4393938.836 Northing 4393911.691 Northing 4395966.543	Ea	nd deviation surve sting 556994.942 sting 556706.624 sting 554918.642	у
Elevation (ft) 1,264' GL Permit Type Deviated D	Type of Well 📱 Horizontal 📲 Horizont	New □ Existing al 6A □ Vertical		port □Interim ∎Final e □ Deep ■ Shallow
		Plug Back 🗆 Red		
Well Type  □ Brine Disposal  □ CB	M ■ Gas □ Oil □ Seco	ondary Recovery	Solution Mining	□ Storage □ Other
Type of Completion Single DM	ultiple Fluids Produc	ed Brine Gas	s □ NGL □ C	0il 🗆 Other
Drilled with  □ Cable  ■ Rotary				
Drilling Media Surface hole 🖪 A			ehole 🛢 Air 🗆	Mud 🗆 Fresh Water 🗆 Brine
Production hole 🗆 Air 📕 Mud	Fresh Water     Brine			
Mud Type(s) and Additive(s) SYNTHETIC BASED FLUID				
ADDITIVES: ABS MUL (EMULSIFIER), CALC	IUM CHLORIDE, FLR PLUS (GIL	SONITE), CLAYTONE EM	I (SUSPENSION AGEN	IT), AES WA II (WETTING AGENT), LIME
Date permit issued06.06.2022 Date completion activities began	Date drilling comm 03.13.2023	nenced 08.23.2022 ( Date completion ac		ling ceased 01.20.2023 04.04.2023
Verbal plugging (Y/N) N	Date permission granted	NUA	Granted by	N/A
	Bute permission granted			
Please note: Operator is required to		tion within 5 days of	verbal permissior	
Treshwater depth(s) It	4', 845', 933', 938'	Open mine(s) (Y/N)	depths	N
San water depth(3) n	2,509', 3,139'	Void(s) encountered	(Y/N) depths	None Anticipated
Coal depth(s) ft	'-1031',1054'-1059', 1060'-1068'	Cavern(s) encounter	ed (Y/N) depths	N
Is coal being mined in area (Y/N)	N			Daniana ku





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\_Well number\_\_\_WDTN19BHSM Farm name\_ CNX Gas Company LLC API 47-061 01900 Did cement circulate (Y/ N) Grade Basket New or CASING Hole Casing \* Provide details below\* Used wt/ft Depth(s) Size Depth STRINGS Size Conductor GROUT TO SURFACE 30" 94lb/ft N/A 20" 100' NEW Surface Y - CEMENT TO SURFACE J-55 54.5lb/ft N/A 17.5" 13.375" 1.204' NEW Coal Intermediate 1 J-55 36lb/ft **Y - CEMENT TO SURFACE** 12.25" 9.625" 2,986' NEW N/A Intermediate 2 Intermediate 3 Production Y - TOC @ 802' NEW P-110 23lb/ft N/A 8.75" & 8.5" 5.5" 17.138 Tubing Packer type and depth set Comment Details ALL DEPTHS ARE REFERENCED GLE = -28' KB woc Volume Cement Slurry Yield CEMENT Class/Type Number (ft 3) Top (MD) DATA of Cement of Sacks wt (ppg) (ft <sup>3</sup>/sks) (hrs) Conductor Surface 1.17 989 Surface 8 15.8 HALCEM 845 Coal Intermediate 1 HALCEM 970 15.8 1.15 1,116 Surface 8 Intermediate 2 Intermediate 3 Production 802' 8 15.0 / 15.0 1.13 (LEAD) / 1.12 (TAIL) 1,109(LEAD) / 2,632(TAIL) NEOCEM / NEOCEM 1,110(LEAD) / 2,350(TAIL) Tubing Drillers TD (ft) 17,168' Loggers TD (ft) 17,168' Deepest formation penetrated MARCELLUS Plug back to (ft) N/A Plug back procedure N/A Kick off depth (ft) 7,172' (MD) 7,114' (TVD) Check all wireline logs run □ caliper  $\Box$  density □ deviated/directional □ induction □ resistivity □ gamma ray □ temperature □sonic □ neutron Well cored 🗆 Yes 📕 No Conventional Sidewall Were cuttings collected ■ Yes □ No DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING SURFACE: Centralize every other joint from shoe to surface INTERMEDIATE: Centralize every other joint from shoe to surface PRODUCTION: Centralize every joint from shoe to TOC WAS WELL COMPLETED AS SHOT HOLE DETAILS Plug and Perf Yes 🗆 No WAS WELL COMPLETED OPEN HOLE? 🗆 Yes 📕 No DETAILS

WERE TRACERS USED DIe Yes No TYPE OF TRACER(S) USED \_

09/15/2023

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<sub>API 47-</sub> 061 _ 01900	Farm name CNX Gas Company LLC	Well number WDTN19BHSM
API 4/- 001 - 01000		

#### PERFORATION RECORD

Stage No.		Perforated from	Perforated to	Number of	France (a)
No.	Perforation date	MD ft	MD ft.	Perforations	Formation(s)
	SEE	ATTACHMEN	1		
-					

Please insert additional pages as applicable.

#### STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
110.	Date	SEE	ATTACHMEN					
				· · · ·	· · · · · · · · · · · · · · · · · · ·			

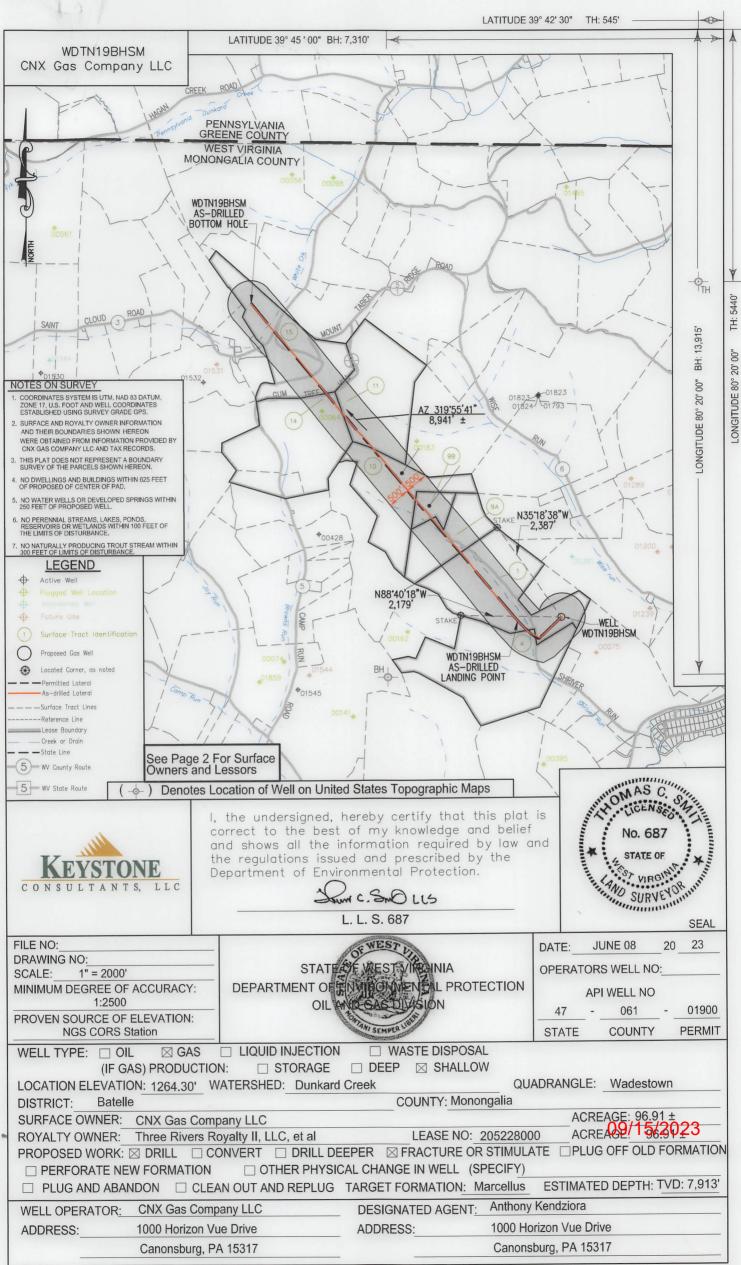
Please insert additional pages as applicable.

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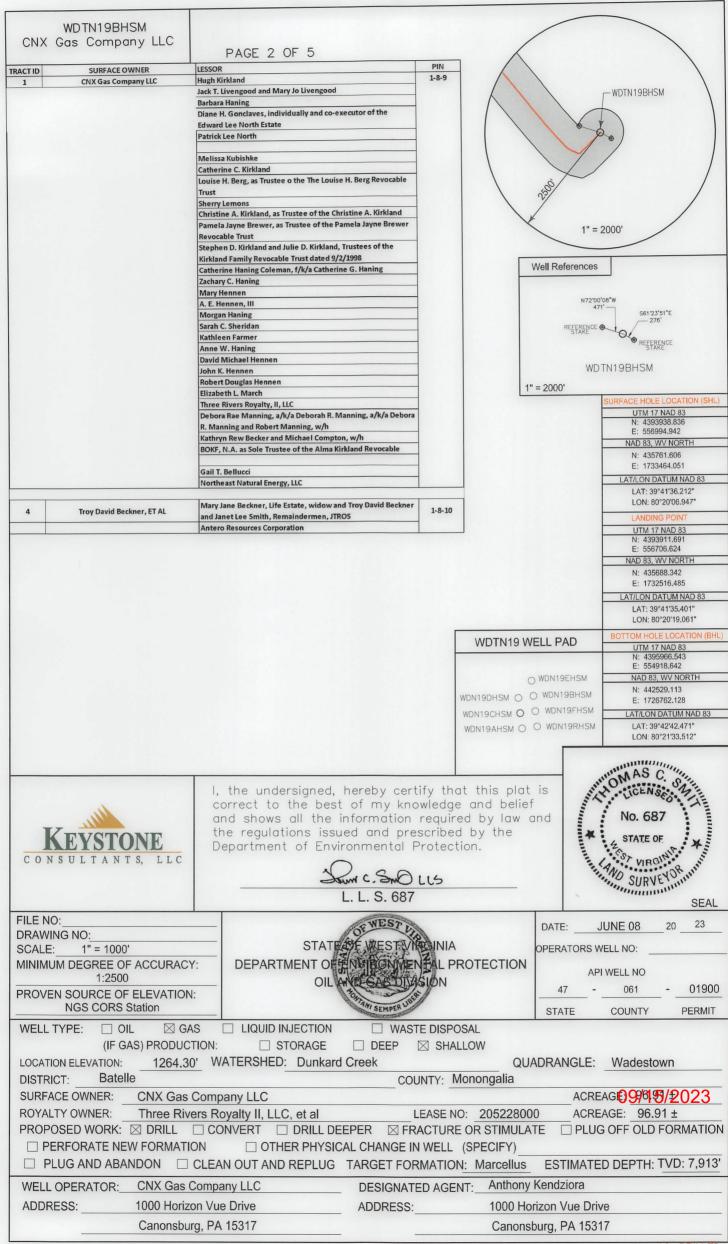
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API 47- 061	_ 01900	Farm	name CNX Gas	s Compar	iy LLC	Well n	umber_	WDTN	19BHSM
PRODUCING	FORMATION(S	S)	DEPTHS						
MARCELLUS	<u>i okuminoi (i</u>	3	7,916'	TUD	13,333'	MD			
MARGELLOS			7,910	TVD	13,335	MD			
		-							
		-				_			
Please insert ac	iditional pages a	s applicable.		-		_			
GAS TEST	🗆 Build up 🗆	Drawdown	Open Flow	(	DIL TEST	Flow 🗆	Pump		
SHUT-IN PRE	SSURE Surf		psi Botto	m Hole	psi	DURAT	ION O	F TEST	24 hrs
OPEN FLOW		Oil	NGL		Water	GAS M	FASI	REDB	v
JILIVILOW	2,756.34 mcf		bpd 0		,884 bpd				
LITHOLOGY/ FORMATION	TOP DEPTH IN FT	BOTTOM DEPTH IN FT	TOP DEPTH IN FT	BOTTOM DEPTH IN F		ROCK TYP	EAND	RECORD	QUANTITYAND
ORMATION	NAME TVD	TVD	MD	MD					E, OIL, GAS, H <sub>2</sub> S, ET
	0	5. C. C. C.	0		1000		-		
					-				
		-							
						(SEE AT	TACHE	D FORM	ATION LOG)
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					11				
					1.00				
	dditional pages a								
Drilling Contra	ALAWAY DRIVE	ON-UTI DRILLI		EIGHTY FO	UR	State	PA	Zin	15330
	1. Table 1. Table 1.		City			State			
Logging Com	pany SCHLUMBI	ERGER	City	HOUSTON		State	ТХ	Zin	77042
20001			City	noooron		State		Cip	10 20 2
Address 3600	mpany HALLIBL			CANONSB	URC	Circle	PA	Tim	15317
Address <u>3600</u>	LODI E ENEDOV D	RIVE, SUITE 400	City	CANONSB	URG	State			10017
Address <u>3600</u>	NOBLE ENERGY D								
Address <u>3600</u> Cementing Co Address <u>1000</u> Stimulating Co	ompany EVOLU	JTION WELL S		THE WAS		40.000	TY		77380
Address <u>3600</u> Cementing Co Address <u>1000</u> Stimulating Co Address <u>1780</u>	NOBLE ENERGY D ompany EVOLU HUGHES LANDING	G BLVD., SUITE		THE WOO	DLANDS	State	ТХ	Zip_	77380
Address <u>3600</u> Cementing Co Address <u>1000</u> Stimulating Co Address <u>1780</u> Please insert a	ompany EVOLU	G BLVD., SUITE		THE WOO		State		Zip	77380

09/15/2023



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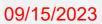


AS-DRILLED

NX Gas Company LLC			
the ous company LLC	PAGE 3 OF 5	1-12/1-1-1	
TID SURFACE OWNER	LESSOR	PIN 1-8-7	
CNX Gas Company LLC	Three Rivers Royalty II LLC Elizabeth L. March, widow	1.01	
	Kathryn Rew Becker and Michael Compton, wife and husband		
	Debora Rae Manning aka Deborah R. Manning aka Debora R. Manning and Robert Manning, wife and husband		
	Michelle Artmand and Kevin B. Artman, wife and husband		
	Cindy Pourbaix, a married woman dealing in her sole and		
	separate property Gary Lee Stanley, a married man dealing in his sole and		
	separate property		
	Edna Green, single		
	Harriet Smith Leurant, widow Karen Ilario, a married woman dealing in her sole and separate		
	property		
	Gayle Brancazio and Rick Brancazio, wife and husband		
	Audrey Gleske and John Gleske, wife and husband Barry B. Burnfield and Linda Burnfield, husband and wife		
	Dorothy Burnfield Ringler		
	Paul Cross Jr., divorced		
	Tammy King, a married woman, dealing in her sole and		
	separate property Stanley Roscoe Burnfield, a married man dealing in his sole and		
	separate property		
	Anna Marie Eddy and Kyle F. Eddy, wife and husband		
	Shawn R. Moore, a married man dealing in his sole and separate property		
	William C. Burnfield, widower		
	Patricia Dian Wilson and Henry C. Wilson, wife and husband		
	Melinda Kay Hibbs and Harold E. Hibbs, wife and husband Stanley C. Moore and Nancy Ella Moore, husband and wife		
	Patricia Simpson, widow		
	Judy Lynn Stanley, a single woman		
	Susan Hennen, a single woman		
	William F. Reeves, widower Edgar A. Moore Jr., a single man		
	Tina Leigh Goodman, a single woman		
	Crystal Loudin aka Christal Loudin and John A. Loudin, wife and		
	husband Jackie S. Shriver, divorced		
	Martha A. Muscavitch aka Peggy Muscavitch, a married woman		
	dealing in her sole and separate property		
	Nancy J. Cummins, single Janet E. Dulaney aka Jan Dulaney and Larry D. Dulaney, wife		
	and husband		
	Roger Stanley and Donna Stanley, husband and wife		
	Christopher S. Erichsen, divorced		
	Barbara Acklin Stewart and Kenneth Stewart, wife and husband Charles F. Acklin and Wanda L. Acklin, husband and wife		
	Timothy J. Acklin, a married man dealing in his sole and		
	separate property		
	Stanley D. DeBolt, single Vance V. DeBolt, a married man dealing in his sole and		
	separate property		
	Cheryl Diane Gregerson, Single		
	Sharon Margevicius, a married woman dealing in her sole and separate property		
	Gay Byard		
	Mary Jo White Livengood Elaine Grabowski and Charles Andrew Grabowski, wife and		
	husband		
	Nanette L. Leurant, an individual, dealing in her sole and		
	separate property Michael Burnfield, a single man		
	Brian Burnfield, a single man		
	Floretta Finnegan Burnfield, a widow		
	Puth Mibaler		
	Ruth Mihalec Arthur Cross		
	Dan DeBolt		
	Shannon DeBolt Knapp		
	Rick Brewer Lori Tomblin		
	Kevan Burnfield		
	Stuart A. Moore		
	Karen Soto Mary E. Bush		
			0011-100-
B CNX Gas Company LLC	Three Rivers Royalty II LLC Elizabeth L. March, widow	1-8-6	09/15/202
	Kathryn Rew Becker and Michael Compton, wife and husband		
	Debora Rae Manning aka Deborah R. Manning aka Debora R.		
	Manning and Robert Manning, wife and husband		
	Mary Jo White Livengood		
			API WELL NO
			- 061 - 01900

Note         Right V. Provence, BT U.K., PT.A.         Right A. Provence, String and Wile.         1-2-11.8 eV           In track V. Provence, BT U.K., PT.A.         Right A. Provence, String and Wile.         Interact V. Provence, String and Wile.         Interact V. Provence, String and Wile.           In track V. Provence, String A. String and Wile.         Right A. Provence, String and Wile.         Interact V. String and V	T ID SURFACE OWNER	PAGE 4 OF 5	PIN	
Note of the second se				
Regis A. Romane I. single         Marry A. Miller, P.         Regis A. Romane J. Single A. Social Science I.	Regis V. Provance, ET UX., ET AL	Provance, husband and wife	1-2-41 @ 44	
Immunity, immun				
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Issuer, a function of the location for Rong Merconalth Transt         Shorry Lensons, a material downsin dealing in the race and the location for the location of the location location of the location of the location of the locati		Melissa Kubishke, dealing in her sole and separate property		
Sherry common, a married source of the Christine A. Korkland         Christine A. Exiduad, an Tracter of the Christine A. Korkland         Space D. Schröding and Kulle D. Korkland and Korkland         Parents Jane Enzers, in Tracter of the Dameda Jane Brewer         Recordin Trant         Calkerine Skaining Coleman f. La. Catherine G. Maning, a         matried worms dowing ling have scale and signate property         Zachard, C. Kaning, a married mon dealing in his sole and separate property         Zachard, S. Sheridan, a married works and calling in his sole and separate property         Stack C. Sheridan, a married works and calling in his sole and separate property         Stack C. Sheridan, a married works and calling in his sole and separate property         Stack C. Sheridan, a married works and calling in his sole and separate property         Stack C. Sheridan, a married more dealing in his sole and separate property         Anne M. Maning, single         David Michael Methon, a married more dealing in his sole and separate property         Anne M. Haning, single         David Michael Methon, a married more dealing in his sole and separate property         David Michael Methon, a married more dealing in his sole and separate property         David Michael Methon, Amaried Markeel Michael Amaried Markeel Method         Corry. Insbard and david         Markeel Materia, A. Cory K. L. Constace, Ann Halines and Robert Corry, howed and davide				
Christiane A. Kindane, ar Toxate of the Christiane A. Kindane         Stephen D. Nichalane and Julie D. Nichani, Tuxates of the         Kindane J. Stephen S. Nichalane and Kindane Toxates         Parela Lane Every, ar Toxates of the Almoing J. Stephen S. Stephen Stephen Stephen Stephen Stephen Stephen Stephe				
Stephen D. Kinkland and Mile D. Mikinad, Trattee or the Kinkland Farmi Revocable Trast.         Branela Jame Brever, a Trastee of the Pamela Jame Brever Revocable Trast.         Catherine Having Coloman A. Ja. Catherine G. Hanning, a married worknown of main dealing in hit so cle and separate property.         Darker Married Worknown Staff, and Staff Trast Pamela Jame Brever, a Trastee of the Mark Millson Staff Trastee Pamela Millson Staff Trastee Pamela Millson Staff Trastee Pamela Millson Millson Millson Millson Millson Millson Millson Pamela Millson Millson Pamela Millson Millson Millson Millson Millson Pamela Millson Millson Millson Millson Millson Pamela Millson Millson Millson Pamela Millson Millson Millson Pamela Millson Millson Pamela Millson Millson Pamela Millson Millson Pamel				
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Revealed Total       Catherine Route General K.S.: Catherine G. Haning, a marked man dealing in his sole and separate property.         Zachary, C. Haning, a marked man dealing in his sole and separate property.       Separate property.         Mary Hennon, and and the man dealing in his sole and separate property.       Separate property.         Stark C. Scheridan, a marked man dealing in his sole and separate property.       Separate property.         Stark C. Scheridan, a marked man dealing in his sole and separate property.       Convertigent of the Anna Kirkkand Revocable Trust Kather Revocable Trust Kather Revocable Trust Kather Revocable Revocable Trust Kather Revocable		and the second sec		
Catherine Haning, Colomer K. & Catherine G. Huning, a married man dealing in his sole and legarate property.         Catherine Haning, a married man dealing in his sole and separate property.         Marry Hennen, a single worman.         A.E. Hennen, Huning, a married man dealing in his sole and separate property.         Borgen Haning, a married man dealing in his sole and separate property.         Borgen Haning, a married man dealing in his sole and separate property.         Borgen Haning, a married man dealing in his sole and separate property.         Borgen Haning, a married man dealing in his sole and separate property.         Borgen Haning, and man dealing in his sole and separate property.         Borgen Haning, and the man dealing in his sole and separate property.         Cathers Farmer, a married man dealing in his sole and separate property.         Cathers Farmer, single         Borbot Cougling Hance Science An Holes and Robert         Correst A. Kernnen, single         Borbot Cougling Hance An Advise Banche and work         Krist zero Killer and Boland Editory Han Visit Zero Killer Briene Science and separate property.         Cavita Science A. Science An Holes and Science Antistics and science and separate property.         Barbata Thomas, uddow         Robert Cougling this Science and separate property.         Gravita Marine, K.L., Science Maning in his sole and separate property.         Barbata Thomas, uddow         Barbat				
married woman dealing in her sole and esparate property Zacharyc, V-Kaning, a married med along in his sole and separate property Marga Nannig, a married man dealing in his sole and separate property Sarah C, Sherdan, a married man dealing in his sole and separate property Boolf, NA, as sole tracted of the Alma Xitikand Bevocable Trust Generation of the sole of the Alma Xitikand Bevocable Trust Generation of the sole of the Alma Xitikand Bevocable Trust Generation of the sole of the Alma Xitikand Bevocable Trust Generation of the sole of the Alma Xitikand Bevocable Trust Generation of the sole of the Alma Xitikand Bevocable Trust Generation of the sole of the Alma Xitikand Bevocable Trust Generation of the sole of the Alma Xitikand Bevocable Trust Generation of the sole of the Alma Xitikand Bevocable Trust Generation of the sole of the Alma Xitikand Bevocable Trust Generation of the Sole Alma Xitikand Alma Xitikand Bevocable Trust Generation of the Sole Alma Xitikand Alma Xitikand Bevocable Trust Generation of the Sole Alma Xitikand Alma Xitikand Bevocable Trust Generation of the Sole Alma Xitikand Alma Xitikand Bevocable Trust Generation of the Sole Alma Xitikand Alma Xitikand Alma Xitikand Bevocable Trust Alma Xitikand Alma Xitikand Alma Xitikand Alma Xitikand Bevocable Trust Alma Xitikand Alma Xitikand Alma Xitikand Alma Xitikand Bevocable Trust Alma Xitikand Alm				
sparate property         Mary Henne, a single worma         A.E. Hennes, III, a married man dealing in his sole and separate property         Sarah C. Sheridan, a married workan dealing in his sole and separate property         BOGF, M.A. as ode truster of the Alma Kindand Revocable Trust Kabileon Teners, a married workan dealing in hor sole and tenants property         BOGF, M.A. as ode truster of the Alma Kindand Revocable Trust Kabileon Teners, a married work dealing in hor sole and tenants property         David Michael Hennes, harmerid worka dealing in his sole and separate property         John K. Hennes, Single         Robort Douglas Hennes         Michael Works X.A. Michael Brienne, Haines, a married worka dealing in hor sole and separate property         David Michael Hennes, harmerid worka and sama ten being the trust separate property         David Michael Michael Stan. Alcohael Revocable and Wife Lean Tables, husband and Wife Lean Tables, husband and Wife Lean Tables, husband and Wife Messal.         Robert Douglas Hennes         Graphaw, Midowed Messal.         Philips Romat Las. <i>Proper Annold Buckley, here vite</i> Raymond Wayne Frys, Alowced         William tecknes, harde and separate trust.         Graph Revocable Michael, here in dealing in her sole and separate property.         Trust Attinger Las. A., dologing in her sole and separate Here in dealing in her sole and separate property.         Trust Attinger Las. A., dologing in his sole and separate Here in dealing in her				
Mary Hennen, a single woman         A.E. Henner, II, a married man dealing in his sole and separate property         Sarah C. Sheridan, a married woman dealing in her sole and separate property         Sarah C. Sheridan, a married woman dealing in her sole and separate property         BODY, M., As sole trustse of the Alma Kirland Revocable Trust         Kathleen Farmer, a married woman dealing in her sole and separate property         Anne W. Haeling, single         Dovid (Fiduate Henner, a married monoal dealing in his sole and teaprate property)         Anne W. Haeling, single         Dovid (Fiduate Henner, a married monoal dealing in his sole and teaprate property)         Dovid B. Halans and Lanastte C. Haines, husband and wife         Idata B. Houses and Lanastte C. Haines, husband and wife         Lana Banks, a widow         Constance A. Corer K. Ka. Constance Ann Haines and Robert         Corey, husband and wife         Pauling B. Kondon Haus and Sanah Lawa, husband and wife         Hard B. Wanner, Ka. Goyla K. Ka. Goyla Kane Calling In her sole and teaparate property         Grays Marker, Ka. Goyla K. Hauses and Robert         Corey, husband and wife         Parilips Robon K. Ka. Goyla K. Hause Parine dealing In her sole and teaparate property         Grays Marker F. Ka. Tor Davin and Richard C. Attinger, wife and husband         Inter Rober Rokaling In the robe and separate property         Pape Partick Lask K		Contracting The American and the second s		
A.E. Hennen, III, a married wonn dealing in his sole and separate         property         Sarah C. Sheridan, a married wonn dealing in his sole and separate         grant for the sole and separate property         BOKY, NA, as sole trustee of the Alma Kirkland Revocable Trust         Katheon Former, a married wonn dealing in hor sole and separate property         BOKY, NA, as sole trustee of the Alma Kirkland Revocable Trust         Katheon Former, a married wonn dealing in hor sole and separate property         David Michael Hennen, single         Bobert Ousgies Hennen         Michelle Woods 14.a. Michelle Brienne Halnes, a married wonn dealing in her sole and separate property         David 8. Halnes and Banette C. Flaines, huband and wife         Bana Bana, suidow         Constance A. Corey 14.a. Constance Ann Halnes and Robert         Constance A. Corey 14.a. Constance Ann Halnes and Robert         Constance A. Corey 14.a. Constance Mark Halnes and Robert         Constance A. Corey 14.a. Constance Mark Halnes and Robert         Constance A. Corey 14.a. Constance Anne Halnes and Robert         Constance A. Corey 14.a. Constance Anne Halnes and Robert         Constance A. Corey 14.a. Constance Anne Halnes and Robert         Constance A. Corey 14.a. Constance Anne Halnes and Robert         Constance A. Corey 14.a. Constance Anne Halnes and Robert         Constance A. Corey 14.a. Constance Anne Halnes and Robert				
Morgan Haning, a married woman dealing in his sole and separate property.         Sarah C. Sheridan, a married woman dealing in her sole and separate property.         BOKF, NA, as sole trustse of the Alma Kirkland Revocable Totst         Kabileon Sarmer, a married woman dealing in his sole and separate property.         David Michael Henner, a married man dealing in his sole and separate property.         John K. Henner, single         David Michael Henner, a married man dealing in his sole and separate property.         David Michael Henner, a married woman dealing in his sole and separate property.         David B. Hanes, and a separate property.         David B. Hanes, and a separate property.         David B. Hanes, and Separate Property.         David B. Hanes, Annee Millers, harenin dealing with hers sole and separate troperty.         Separate Thomas, widow         Rever D. Stymer Mark, Alware Prop. Alwared Miller, harenin dealing in her sole and separate property.         Separate Thomas, widow         Rever D. Stymer Mark, Alware Prop. Alwared Miller Alwared Ling Low Context Alwared Separate Dia Context K. A. Rivey Figureon, divorced         Millism Lee Naines, J.r., Cealling in his sole and separate Ling Context Alwared Separate Dia Context Mark Alwared, Single				
property         Sanah C. Sherdan, a married woman dealing in her sole and separate property         BOKF, MA, as sole truster of the Afras Kirkland Revocable Trust Kathleen Farmer, a married woman dealing in her sole and separate property         Anne W. Haning, single         David Mitchel Hennen, single         Robert Douglas Hennen, Steward He				
Sarah C. Sheridan, a married woman dealing in her sole and separate property         BOKF, MA, as sole trustee of the Alma Kirkand Revocable Trust Kathiken amer, a married woman dealing in her sole and separate property         Anne W. Haning, single         Dovid Michael Hernen, a married man dealing in his sole and separate property         John K. Hennen, single         Robert Douglas Hernen         Michelle Woods f. K.a. Michelle Brienne Haines, a married woman dealing in hir soid and separate property         David B. Haines and Leanette C. Halnes, husband and wife         Leanet A. Cerey f. K.a. Constance Ann Haines and Robert Corstance A. Cerey f. K.a. Constance Ann Haines and Robert Corstance A. Cerey f. K.a. Constance Ann Haines and Robert Corstance A. Cerey f. K.a. Constance Ann Haines and Robert Corstance, K.a. Widowell Phillips Roman f. K.a. Sog Mand Buckity, here ind dailing with her sole and separate property         Ginyin Manor, f. K.a. Gyns Jan, herein dealing in her sole and separate property         Barbara D. Kan, farge And Buckity, here ind dailing with her sole and separate property         Ginyin Manor, K.a. Gyns Jan, herein dealing in her sole and separate property         Barbara J. Angel         Williem Anakas, single         Marka A. Macels, single         Marka M. Macels, single         Marka M. Macels, single         Jaura Fillow C. Macels, Single         Marka M. Macels, Single         Jaura Fillow Lasth Miller Chand Kelankiling in her sole and separate property				
BORF, MA, as sole trustee of the Alma Kirkland Revcable Tuxt         Kathleen Farmer, a married woonan dealing in her sole and separate property         Anne V. Haning, single         Dowld Michael Hermen, a married man dealing in his sole and separate property         John K. Hennen, single         Robert Douglas Hennen         Michelle Woods (La. Michelle Briene Haines, a married woman dealing in her sole and separate property         David J. Haines and Jeanette C. Halines, busband and wife Jean Banks, awidow         Constance A. Corey (La. Constance Ann Haines and Robert Corry, husband and wife         Brass (La. Spinnal Law, aran Sarah Law), husband and wife Kis Laws Miller and Robin McClary, her wife         Roys (Laws Siller and Robin McClary, her wife Hays (Laws Miller and Robin McClary, her wife Rays (Laws Miller and Robin McClary, her wife Hays (Laws Miller and Robin McClary, her wife Hays (Laws Miller and Robin McClary, her wife Mark A. Marker, single         Willan Lee Haines, Jr., Calanig in his sole and separate Ulsa Cair, divorced         Willee E. Macake, single         Marker, Kander Single         Marker, Kander Kingle Hays and Kalay Anne Miller, husband and wife         Juale Cair (Laws The Taking Frik, Arthor Herlin dealing in her sole and separate property         Peep Parkki Jack Miller (Law. Terr Devilin and Richard C. Attinger, wife and husband         Dorothy A. Hammer, divorced         Miller, Kawa Miller (Laws Thous Herlin dealing in her sole and separate property         <				
Kathleen Farmer, a married woman dealing in her sole and         separate property         John K. Hennen, single         David Michael Hennen, andreid         Michelin Words K. & Michelin Efrienne Haines, a married         Michelin K. Smooth, Subscript Status         David Michael Hennen, single         Michelin Korods K. & Michelin Efrienne Haines, a married         Michelin K. Smooth, Subscript Status         David Michael Hennen, single         Constance A. Corey K. & Constance Ann Haines and Robert         Corey, hurbhand and wife         Corestine Status and Jeans and Jeans (Bask), burbhand and wife         Fig. Laws and Jeans (Bask), Bask, a widowed         Phillips Ronald Laws and Samb Insey, buresin dealing with         her sole and separate property         Glyns Miller and Robin MiCLary, herein dealing in her sole and         separate property         Barbara Thomas, widowed         Millian Roman, K. J., dealing in his sole and separate         Lisa Craig, divorced         Kothleen K. J., dealing in his sole and separate         Lisa Craig, divorced         Miller and Rohin Achael, single         Mark A. Matting Fr. J., dealing in her sole and         Laws Condition F. J., and Single Frie, Status Miller and Keily Anne Miller, husband         Three Rivers Royalty, II, LLC         Ga				
separate property         Annew V. Haning, single         David Michael Hennen, a married man dealing in his sole and separate property         Boher Douglas Kennen         Michelle Woods K.a.: Michelle Brienne Haines, a married woman dealing in her sole and separate property         David M. Hannes, and/daw         Constance A. Corey f.k.a. Constance Ann Haines and Robert Corey, husband and wife Resolite J. Capshnaw, widowed         Phillips Ronald Laws and Sarah Laws, husband and wife Kris Laws Miller and Robin MCClaw, herein dealing with her sole and separate property         Glynis Marion, f.k.a. Giys Lun, Neteria dealing in her sole and separate property         Barbara Thomas, widow         Reymouth Wayne Frey, divorced         William (and Robin KClaw, herein dealing in her sole and separate property         Barbara Thomas, widow         Reymouth Wayne Frey, divorced         Mille and Robin Robin and Robin Sole and separate Usa Craig, divorced         Mille and Kohng Single         Dorothy A., Hammer, Givorced         Mille A., Macele, single         Dorothy A., Hammer, Givorced         June Fultor f.K.a., Iner Fulton, herein dealing in her sole and separate property         Barbara Haning         Lupib Kidand         June Fultor f.K.a., Iner Fulton, herein dealing in her sole and separate property         Barbara Haning         Hugh Kokland      <				
David Michael Hemmen, a married man dealing in his sole and separate property         Boher Douglas Kennen         Michelle Woods (K.a.: Michelle Brienne Haines, a married woman dealing in her sole and separate property         David B. Haines and Jeanette C. Haines, husband and wife leans Bharba, wildow         Constance A. Corey [A.a. Constance Ann Haines and Robert Corey, husband and wife         Roselle J. Capshaw, widowed         Phillips Ronald Laws and Sarah Laws, husband and wife Kris Laws Miller and Robin MCClay, hervine         Faye B. Sigman f.K.a. Faye Arnold Buckley, herein dealing with her sole and apparate property         Givinis Marion, f.K.a. Givis Lan, herein dealing in her sole and separate property         Barbara Thomas, widdow         Reymod, Wayne Frey, divored         William (Robin Jam)         Mile C. Macalle, single         Mark A. Macale, single         Carlion S. A. Laws (Amily Figuereon, divored         Miles C. Macalle, single         Dorothy A. Hammer, divored         June Fulton f.K.a. Jane Fulton, herein dealing in her sole and separate property         Girls There Brier Regulary, II, LUC         Barbara Thomas, indiver         Barbara Haning         Hugh Korkland         Three Rives Royally, II, LUC         Barbara Haning         Hugh Korkland         Hune A constriffs and Gay Girlfis, wife and husband		separate property		
Separate property         John K. Hennen, mildle         Mitchelle Woods K. A. Mihelle Brienne Haines, a married woman dealing; her sole and separate property         David B. Haines and Jeanette C. Haines, husband and wife         Jean Banks, a widow         Constance A. Corry I. K.a. Constance Ann Haines and Robert         Corry I. K.a. Constance A. Corry I. K.a. Constance Ann Haines and Robert         Corry I. K.a. Constance A. Corry I. K.a. Constance Ann Haines and Robert         Corry I. K.a. Constance A. Corry I. K.a. Constance Ann Haines and Robert         Corry I. K.a. Constance A. Corry I. K.a. Constance Ann Haines and Robert         Corry I. K.a. Constance Ann Haines and Robert         Corry I. K.a. Spring I. K.a. Free Arnold Buckter, herein dealing with         Her Sonal Causar and Scarah Lawy, husband and wife         Kris Laws Miller and Robin McClary, hervife         Fays B. Sigman T. K.a. Free Arnold Buckter, herein dealing with her sole and separate property         Barbana Thomas, widow         Raymend Warner Five, divorced         Milke E. Maxale, single         Mark A. Maxale, single         John K. A. Maxale, single         John K. A. Maxale, single         John Fulton F. Ka., Jerri Devin and Richard C. Attinger, wife and husband         Three Rivers Royalty, II, LLC         Gail T. Bellocci         Northeast Natural Energy, LLC      <				
John K. Hennen, Jingle Robert Douglas Hennen Mitchelle Woods <i>I</i> , <i>k</i> . a. Mitchelle Brienne Haines, a marited woman dealing in her sole and tegrater toportry David B. Hanes and Jeanette C. Haines, husband and wife Jean Banks, a widow Constance A. Corey I, <i>k</i> .a. Constance Ann Haines and Robert Corey, husband and wife Rosalie J. Capsthaw, widwevd Phillips Ronald Laws and Sarah Laws, husband and wife Kris Laws Miller and Rohi McClary, here vife Faye B. Sigman J.K.a. Faye Arnold Buckley, herein dealing with her sole and separate property Barbara Thomas, widow Raymond Wayne Frye, divorced Milke L. Macale, single Jerliyn K. Bacum, maried herein dealing in her sole and separate property Barbara Thomas, widowred Rathien Costner <i>I</i> : A. Safty Figueroa, divorced Milke L. Macale, single Jerliyn K. Bacuum, maried herein dealing in her sole and separate property Terri Atthiger <i>I</i> : A. Safty Figueroa, divorced June Futon <i>I</i> : K.a. Safty Figueroa, divorced June Futon <i>K</i> : K.a. Terri Devlin and Richard C. Attinger, wife and husband Dorothy A. Hammer, divorced June Futon <i>K</i> : K.a. Terri Devlin and Richard C. Attinger, wife and husband Jorothy A. Hammer, divorced June Futon <i>K</i> : K.a. Terri Devlin and Richard C. Attinger, wife and husband Three Rivers Royaty, II, LIC Gail T. Bellucci Northeast Hattrue Tenery, LIC Barbara Haning Hugh Kirkland Parifick Lee North, Individually and as co-executor of the Edward Lee North, Estate Dhane H. Goncalves, Individually and as co-executor of the Edward Lee North, Estate Dhane, H. Goncalves, July and as co-executor of the Edward Lee North, Batale Dhane, H. Goncalves, July and as co-executor of the Edward Lee North, Batale Dhane, H. Goncalves, Individually and as co-executor of the Edward Lee North, Batale Dhane, H. Goncalves, July and as co-executor of the Edward Lee North, Batale Shawn R. Haines, single Jerry R. Haines, Ju, a maried mana, dealing in her sole and separate property Carlos Saucedo				
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woman dealing in her sole and separate property         David B. Haines and lenante C. Haines, husband and wife         Lean Banks, a widow         Constance A. Corey (k.a. Constance Ann Haines and Robert         Corey, husband and wife         Resaile J. Cogshaw, widowed         Phillips Fonalc Laws and Sarah Laws, husband and wife         Kris Laws. Miller and Robin McClary, herwife         Faye S. Sigman (K.a. Koylins Lam, herein dealing in her sole and separate property         Glynik Marion, f. K.a. Glynis Lam, herein dealing in her sole and separate property         Barbara Thomas, widow         Raymond Wayne Frye, divorced         Milliam Lee Haines, Jr., dealing in his sole and separate         Lise (K. Mazele, Single         Mark A. Mazele, single         Mark A. Mazele, single         Mark A. Mazele, single         Jeriton F. K.a. Terri Devilin and Richard C. Attinger, wife and husband         Dorothy A. Hammer, divorced         June Filton, F. K.a. Terri Devilin and Richard C. Attinger, wife and husband         Three Rivers Royalty, II, LLC         Gail T. Bellouci         Northeast Haining         Hugh Kirkland         Patrick Lack Muller f. K.a. Pat Miller and Keily Anne Miller, husband and wife         June Filton, F. June K. June and sco-executor of the Edward Lee North, Eante Haines, jnigle         Bar				
Jean Ranks, a widow         Constance A. Corry I. Ka. Constance Ann Haines and Robert         Correy, husband and wife         Rosalie J. Egishaw, widowed         Phillips Ronald Laws, husband and wife         Kris Laws, Miller and Robin McClary, her wife         Faye       Sigman f. Ka. Grey Arrold Buckley, here in dealing with         her sole and separate property         Glynis Marion, f. Ka. Glynis Lan, herein dealing in her sole and         separate property         Barbara Thomas, widow         Raymond Wayne Frye, divorced         William Lee Haines, ir., dealing in his sole and separate         Liao Land, divorced         Mike. Macale, single         Mark A. Macale, single         Mark A. Macale, single         Jerliyn R. Baucum, Maride herelin dealing in her sole and         separate property         Terri Attinger (Ka. Terri Devin and Richard C. Attinger, wife         and husband         Derothy A. Hammer, divorced         June Fution f.k.a. Jane Fution, here in dealing in her sole and         separate property         Prepe Patrick Lack Miller f.k.a. Pat Miller and Keily Anne Miller,         husband         Derothy A. Hammer, divorced         June Futon f.k.a. Jane Fution, here in dealing in her sole and         separate property				
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Corey, husband and wife         Rosalie J. Caphway, widowed         Phillips Ronald Laws and Sarah Laws, husband and wife         Krist Laws Miller and Robin McClary, her wife         Fayse S. Sigman f. K.a. Fayse Arrold Buckley, herein dealing with         her sole and separate property         Glynis Marion, K.a. Glynis Lan, herein dealing in her sole and         separate property         Barbara Thomas, widow         Raymond Wayne Frye, divorced         William Lee Haines, Jr., dealing in his sole and separate         Lisa Craig, divorced         Miller E. Macales, Single         Mark A. Macale, single         Mark A. Macale, single         Mark A. Macale, single         Jaref Attinger f.k.a. Terri Devil and Richard C. Attinger, wife and husband         Dorothy A. Hammer, divorced         June Futton f.k.a. Jane Futton, herein dealing in her sole and separate property         Pepe Patrick Jack Miller f.k.a. Pat Miller and Kelly Anne Miller, husband and wife         Julie Ann Griffis and Gary Griffis, wife and husband         Three Rivers Royalty, II, LLC         Gail T. Bellucci         Northeas: Natural Energy, LLC         Barbara Haning         Hugh Kirkland         Patrick Lee North, Estate         Shawn R. Haines, single         Jarerr, R. Haines, J., a marrie				
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Kris Laws Miller and Robin McClary, here wife         Faye B. Sigman f. k.a. Faye Arnold Buckley, herein dealing with         her sole and separate property         Glynis Marion, F.k.a. Grynis Lan, herein dealing in her sole and         separate property         Barbara Thomas, widow         Raymond Wayne Frye, divorced         William Lee Haines, Ir., dealing in his sole and separate         Lisa Craig, divorced         Miller, K. Macale, single         Jerlyn R. Bacuum, married herein dealing in her sole and         separate property         Terri Attinger f.K.a. Terri Devlin and Richard C. Attinger, wife         and husband         Dorothy A. Hammer, divorced         June Fulton F.K.a. Carti Devlin and Richard C. Attinger, wife         and husband         Dorothy A. Hammer, divorced         June Fulton F.K.a. Numer, divorced         June Fulton F.K.a. Carti Devlin and Richard C. Attinger, wife         Julie Ann Griffis and Gary Griffis, wife and husband         Three Rivers Royalty, II, LLC         Gail T. Bellucci         Northeast Natural Energy, LLC         Barbara Haning         Hugh Kirkland         Artick Lee North Estate         Shawn R. Haines, single         Jerry R. Haines, Jung maried dana, dealing with his sole and         se				
Faye B. Sigman K.a. Faye Arnold Buckley, herein dealing with         Her sole and separate property         Giynis Marion, K.a. Giynis Lin, herein dealing in her sole and         separate property         Barbara Thomas, vidow         Raymond Wayne Frye, divorced         William Lee Haines, Jr., dealing in his sole and separate         Lisa Craig, divorced         Kathleen Costner K.a. Kathy Figueroa, divorced         Mirke E. Macale, single         Mark A. Macale, single         Mark A. Macale, single         June Fulton F.K.a. Terri Devlin and Richard C. Attinger, wife and husband         Dorethy A. Hammer, divorced         June Fulton f.K.a. Jane Fulton, herein dealing in her sole and separate property         Pepe Patrick Jack Miller f.K.a. Part Miller and Kelly Anne Miller, husband and wife         June Fulton f.K.a. Jane Fulton, herein dealing in her sole and separate property         Pepe Patrick Jack Miller f.K.a. Part Miller and Kelly Anne Miller, husband and wife         June Fulton f.K.a. Jane Fulton, herein dealing in her sole and separate property         Barbara Haning         Hugh Kirkland         Patrick Lee North, Estate         Barbara Haning         Hugh Kirkland         Patrick Lee North Estate         Shawn R. Haines, Jing         Jerry R. Haines, Jing a married mana, dealing in her sole and separ			-	
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Barbara Thomas, wildow         Raymond Wayne Frye, divorced         William Lee Haines, Jr., dealing in his sole and separate         Lisa Craig, divorced         Kathleen Costner f. k.a. Kathy Figueroa, divorced         Mike E. Macale, single         Mark A. Macale, single         Mark A. Macale, single         Mark A. Macale, single         Mark A. Macale, single         Jerliyn R. Baucum, married herein dealing in her sole and separate property         Terri Attinger f.k.a. Terri Devlin and Richard C. Attinger, wife and husband         Dorothy A. Hammer, divorced         June Fulton f.k.a. Jane Fulton, herein dealing in her sole and separate property         Pepe Patrick jack Miller f.k.a. Pat Miller and Kelly Anne Miller, husband and wife         Julie Ann Griffis and Gary Griffis, wife and husband         Three Rivers Royalty, II, LLC         Gail T. Bellucci         Northeast Natural Energy, LLC         Barbara Haning         Hugh Kirkland         Patrick Lee North, Individually and as co-executor of the Edward Lee North Estate         Diane H. Goncalves, individually and as co-executor of the Edward Lee North Estate         Diane H. Goncalves, individually and as co-executor of the Edward Lee North Estate         Diane H. Goncalves, individually and as co-executor of the Edward Lee North Estate         Diane H. Goncalves, individually a				
William Lee Haines, Jr., dealing in his sole and separate         Lisa Craig, divorced         Kathleen Costner f.k.a. Kathy Figueroa, divorced         Mike E. Macale, single         Darity R. Baucum, married herein dealing in her sole and         separate property         Terri Attinger f.k.a. Terri Devlin and Richard C. Attinger, wife         and husband         Dorothy A. Hammer, divorced         June Fulton f.k.a. Jane Fulton, herein dealing in her sole and         separate property         Pepe Patrick Jack Miller f.k.a. Pat Miller and Kelly Anne Miller,         husband and wife         Julie Ann Griffis and Gary Griffis, wife and husband         Three Rivers Royalty, II, LLC         Gail T. Bellucci         Northeast Natural Energy, LLC         Barbara Haning         Hugh Kirkland         Patrick Lee North, Istate         Diane H. Goncalves, individually and as co-executor of the         Edward Lee North Estate         Diane R. Haines, N. Haines, single         Jerry R. Haines, J. I. a maried man, dealing with his sole and         separate property         Carlos Saucedo				
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Mike E. Macale, single         Mark A. Macale, single         Jerliyn R. Baucum, married herein dealing in her sole and separate property         Terri Attinger f.k.a. Terri Devlin and Richard C. Attinger, wife and husband         Dorothy A. Hammer, divorced         June Fulton f.k.a. Jane Fulton, herein dealing in her sole and separate property         Pepe Patrick Jack Miller f.k.a. Pat Miller and Kelly Anne Miller, husband and wife         Julie Ann Griffis and Gary Griffis, wife and husband         Three Rivers Royalty, II, LLC         Gail T. Bellucci         Northe ast Natural Energy, LLC         Barbara Haning         Hugh Kirkland         Patrick Lee North, individually and as co-executor of the Edward Lee North Estate         Diane H. Goncalves, individually and as co-executor of the Edward Lee North Estate         Shawn R. Haines, single         Jerry R. Haines, II, a married man, dealing with his sole and separate property         Tonya Huntoon, a married woman, dealing in her sole and separate property         Carlos Saucedo				
Mark A. Macale, single         Jerilyn R. Baucum, married herein dealing in her sole and         separate property         Terri Attinger f.k.a. Terri Devlin and Richard C. Attinger, wife and husband         Dorothy A. Hammer, divorced         June Fulton f.k.a. Jane Fulton, herein dealing in her sole and separate property         Pepe Patrick Jack Miller f.k.a. Pat Miller and Kelly Anne Miller, husband and wife         Julie Ann Griffis and Gary Griffis, wife and husband         Three Rivers Royalty, II, LLC         Gail T. Bellucci         Northeast Natural Energy, LLC         Barbara Haning         Hugh Kirkland         Patrick Lee North, individually and as co-executor of the Edward Lee North Estate         Diane H. Goncalves, individually and as co-executor of the Edward Lee North Estate         Shawn R. Haines, single         Jerry R. Haines, I, a married man, dealing with his sole and separate property         Tonya Huntoon, a married man, dealing in her sole and separate property         Carlos Saucedo				
Jerilyn R. Baucum, married herein dealing in her sole and separate property Terri Attinger f.k.a. Terri Devlin and Richard C. Attinger, wife and husband Dorothy A. Hammer, divorced June Fulton f.k.a. Jane Fulton, herein dealing in her sole and separate property Pepe Patrick Jack Miller f.k.a. Pat Miller and Kelly Anne Miller, husband and wife Julie Ann Griffis and Gary Griffis, wife and husband Three Rivers Royalty, II, LLC Gail T. Bellucci Northeast Natural Energy, LLC Barbara Haning Hugh Kirkland Patrick Lee North, Estate Diane H. Goncalves, individually and as co-executor of the Edward Lee North Estate Shawn R. Haines, single Jerry R. Haines, J. J. a married man, dealing with his sole and separate property Tonya Huntoon, a married woman, dealing in her sole and separate property Carlos Saucedo				
Terri Attinger f.k.a. Terri Devlin and Richard C. Attinger, wife and husband Dorothy A. Hammer, divorced June Fulton f.k.a. Jane Fulton, herein dealing in her sole and separate property Pepe Patrick Jack Miller f.k.a. Pat Miller and Kelly Anne Miller, husband and wife Julie Ann Griffis and Gary Griffis, wife and husband Three Rivers Royalty, II, LLC Gail T. Bellucci Gail T. Bellucci Northeast Natural Energy, LLC Barbara Haning Hugh Kirkland Patrick Lee North, individually and as co-executor of the Edward Lee North Estate Diane H. Goncalves, individually and as co-executor of the Edward Lee North Estate Shawn R. Haines, Single Jerry R. Haines, Single Jerry R. Haines, Single Jerry R. Haines, II, a married man, dealing with his sole and separate property Tonya Huntoon, a married woman, dealing in her sole and separate property Carlos Saucedo				
and husband Dorothy A. Hammer, divorced June Fulton f.k.a. Jane Fulton, herein dealing in her sole and separate property Pepe Patrick Jack Miller f.k.a. Pat Miller and Kelly Anne Miller, husband and wife Julie Ann Griffis and Gary Griffis, wife and husband Three Rivers Royalty, II, LLC Gail T. Bellucci Gail T. Bellucci Barbara Haning Hugh Kirkland Patrick Lee North, individually and as co-executor of the Edward Lee North Estate Diane H. Goncalves, individually and as co-executor of the Edward Lee North Estate Diane H. Goncalves, individually and as co-executor of the Edward Lee North Estate Shawn R. Haines, single Jerry R. Haines, II, a married man, dealing with his sole and separate property Carlos Saucedo				
Dorothy A. Hammer, divorced June Fulton f.k.a. Jane Fulton, herein dealing in her sole and separate property Pepe Patrick Jack Miller f.k.a. Pat Miller and Kelly Anne Miller, husband and wife Julie Ann Griffis and Gary Griffis, wife and husband Three Rivers Royalty, II, LLC Gail T. Bellucci Gail T. Bellucci Barbara Haning Hugh Kirkland Patrick Lee North, individually and as co-executor of the Edward Lee North Estate Diane H. Goncalves, individually and as co-executor of the Edward Lee North Estate Shawn R. Haines, single Jerry R. Haines, II, a married man, dealing with his sole and separate property Tonya Huntoon, a married woman, dealing in her sole and separate property Carlos Saucedo				
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Pepe Patrick Jack Miller f.k.a. Pat Miller and Kelly Anne Miller,         husband and wife         Julie Ann Griffis and Gary Griffis, wife and husband         Three Rivers Royalty, II, LLC         Gail T. Bellucci         Northeast Natural Energy, LLC         Barbara Haning         Hugh Kirkland         Patrick Lee North, individually and as co-executor of the         Edward Lee North Estate         Diane H. Goncalves, individually and as co-executor of the         Edward Lee North Estate         Jarry R. Haines, Jin, a married man, dealing with his sole and         separate property         Tonya Huntoon, a married woman, dealing in her sole and         separate property         Carlos Saucedo				
husband and wife         Julie Ann Griffis and Gary Griffis, wife and husband         Three Rivers Royalty, II, LLC         Gail T. Bellucci         Northeast Natural Energy, LLC         Barbara Haning         Hugh Kirkland         Patrick Lee North, individually and as co-executor of the         Edward Lee North Estate         Diane H. Goncalves, individually and as co-executor of the         Edward Lee North Estate         Shawn R. Haines, single         Jerry R. Haines, II, a married man, dealing with his sole and         separate property         Tonya Huntoon, a married woman, dealing in her sole and         separate property         Carlos Saucedo				
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Gail T. Bellucci Northeast Natural Energy, LLC Barbara Haning Hugh Kirkland Patrick Lee North, individually and as co-executor of the Edward Lee North Estate Diane H. Goncalves, individually and as co-executor of the Edward Lee North Estate Shawn R. Haines, single Jerry R. Haines, li, a married man, dealing with his sole and separate property Tonya Huntoon, a married woman, dealing in her sole and separate property Carlos Saucedo				
Northeast Natural Energy, LLC Barbara Haning Hugh Kirkland Patrick Lee North, individually and as co-executor of the Edward Lee North Estate Diane H. Goncalves, individually and as co-executor of the Edward Lee North Estate Shawn R. Haines, single Jerry R. Haines, II, a married man, dealing with his sole and separate property Tonya Huntoon, a married woman, dealing in her sole and separate property Carlos Saucedo				
Barbara Haning Hugh Kirkland Patrick Lee North, individually and as co-executor of the Edward Lee North Estate Diane H. Goncalves, individually and as co-executor of the Edward Lee North Estate Shawn R. Haines, single Jerry R. Haines, II, a married man, dealing with his sole and separate property Tonya Huntoon, a married woman, dealing in her sole and separate property Carlos Saucedo				
Hugh Kirkland         Patrick Lee North, individually and as co-executor of the         Edward Lee North Estate         Diane H. Goncalves, individually and as co-executor of the         Edward Lee North Estate         Shawn R. Haines, single         Jerry R. Haines, II, a married man, dealing with his sole and         separate property         Tonya Huntoon, a married woman, dealing in her sole and         separate property         Carlos Saucedo		Northeast Natural Energy, LLC		
Patrick Lee North, individually and as co-executor of the Edward Lee North Estate Diane H. Goncalves, individually and as co-executor of the Edward Lee North Estate Shawn R. Haines, single Jerry R. Haines, II, a married man, dealing with his sole and separate property Tonya Huntoon, a married woman, dealing in her sole and separate property Carlos Saucedo		Barbara Haning		
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Diane H. Goncalves, individually and as co-executor of the Edward Lee North Estate Shawn R. Haines, single Jerry R. Haines, II, a married man, dealing with his sole and separate property Tonya Huntoon, a married woman, dealing in her sole and separate property Carlos Saucedo				
Shawn R. Haines, single Jerry R. Haines, II, a married man, dealing with his sole and separate property Tonya Huntoon, a married woman, dealing in her sole and separate property Carlos Saucedo		Diane H. Goncalves, individually and as co-executor of the		
Jerry R. Haines, II, a married man, dealing with his sole and separate property Tonya Huntoon, a married woman, dealing in her sole and separate property Carlos Saucedo				
separate property Tonya Huntoon, a married woman, dealing in her sole and separate property Carlos Saucedo				
separate property Carlos Saucedo			09/1	5/20
Carlos Saucedo				
Ezra Charles McDaniel		Carlos Saucedo Ezra Charles McDaniel		
Patrick James Saucedo API WELL NO				

	/DTN19BHSM is Company LLC	PAGE 5	6 OF 5	
TRACTID	SURFACE OV	VNER	LESSOR	PIN
11	CNX Land	LLC	Ralph Six, individually	1-9-17
			Antero Resources Corporation	
14	Richard J & Linda A	nn Cassone	John Samuel Stewart, a married man acting with his sole and separate property	1-9-18
14	Curtis L & Diana	B Thomas	Samuel William Stewart and Barbara C. Stewart, individually and as husband and wife	1-9-18.1 1-9-18.3
14	Zachary R & Jacquel	ine E Phillips		1-9-18.2
			Merrion Oil and Gas Corporation	
			Hu's Land & Minerals, LLC	
			EQT Production Company	
			Richard J. Cassone and Linda Ann Cassone, husband and wife	
			Harold Creel and Martha Ann Creel, husband and wife	
			James Creel, a married man dealing in his sole and separate	
			property	
15	Glenn Lowell Whil Ruth White Bart		Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder, a/k/a/, Elizabeth Snyder Martineau	1-9-16
			Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley	
			James Brant Snyder	
			Sharon White Bartholomew, a/k/a Sharon R. W. Bartholomew,	
			a/k/a, Sharon Ruth White Bartholomew	
			David T. White and Sarah K. White, h/w	
			Glenn L. White, individually and as trustee of Glenn L. White	
			Alice T. Boone	
			Eldon Bryant Tucker and Brenda Sue Tucker	
			Charles Tucker and Barbara Arpino-Tucker	
			Robert Earl Tucker and Patricia Ruth Tucker	
			David Tucker	
			James Tucker and Flora Siu Tucker	
			Cheryl Molesky	
			Laurence D. Hare	
			James F. Hare III and Christine A. Hare	
			Deborah Horton, Trustee and Beneficiary of the Ronald L.	
			Horton Revocable Living Trust	
			XTO Energy, Inc.	



	API	WELL NO		
47		061	-	01900
STATE		COUNTY		PERMIT



## ATTACHMENT 1: WDTN19BHSM 47-061-01900

Well Name	Perf Stage Numer	Date	Top Depth	Bottom Depth	Perfs Open	Reservoir Zone
WDTN19BHSM	1	3/13/2023	17,015.95	17,112.00	24	Marcellus Shale
WDTN19BHSM	2	3/13/2023	16,793.15	16,957.00	40	Marcellus Shale
WDTN19BHSM	3	3/14/2023	16,591.15	16,755.00	40	Marcellus Shale
WDTN19BHSM	4	3/14/2023	16,389.15	16,553.00	40	Marcellus Shale
WDTN19BHSM	5	3/14/2023	16,187.15	16,351.00	40	Marcellus Shale
WDTN19BHSM	6	3/14/2023	15,985.15	16,149.00	40	Marcellus Shale
WDTN19BHSM	7	3/15/2023	15,783.15	15,947.00	40	Marcellus Shale
WDTN19BHSM	8	3/15/2023	15,581.15	15,745.00	40	Marcellus Shale
WDTN19BHSM	9	3/15/2023	15,379.15	15,543.00	40	Marcellus Shale
WDTN19BHSM	10	3/16/2023	15,177.15	15,341.00	40	Marcellus Shale
WDTN19BHSM	11	3/16/2023	14,975.15	15,139.00	40	Marcellus Shale
WDTN19BHSM	12	3/16/2023	14,773.15	14,937.00	40	Marcellus Shale
WDTN19BHSM	13	3/16/2023	14,571.15	14,735.00	40	Marcellus Shale
WDTN19BHSM	14	3/17/2023	14,369.15	14,533.00	40	Marcellus Shale
WDTN19BHSM	15	3/17/2023	14,167.15	14,331.00	40	Marcellus Shale
WDTN19BHSM	16	3/17/2023	13,965.15	14,129.00	40	Marcellus Shale
WDTN19BHSM	17	3/18/2023	13,763.15	13,927.00	40	Marcellus Shale
WDTN19BHSM	18	3/18/2023	13,561.15	13,725.00	40	Marcellus Shale
WDTN19BHSM	19	3/18/2023	13,359.15	13,523.00	40	Marcellus Shale
WDTN19BHSM	20	3/19/2023	13,157.15	13,321.00	40	Marcellus Shale
WDTN19BHSM	21	3/23/2023	12,955.15	13,119.00	40	Marcellus Shale
WDTN19BHSM	22	3/24/2023	12,753.15	12,917.00	40	Marcellus Shale
WDTN19BHSM	23	3/24/2023	12,551.15	12,715.00	40	Marcellus Shale
WDTN19BHSM	24	3/25/2023	12,349.15	12,513.00	40	Marcellus Shale
WDTN19BHSM	25	3/25/2023	12,147.15	12,311.00	40	Marcellus Shale
WDTN19BHSM	26	3/26/2023	11,945.15	12,109.00	40	Marcellus Shale
WDTN19BHSM	27	3/26/2023	11,743.15	11,907.00	40	Marcellus Shale
WDTN19BHSM	28	3/26/2023	11,541.15	11,705.00	40	Marcellus Shale
WDTN19BHSM	29	3/27/2023	11,339.15	11,503.00	40	Marcellus Shale
WDTN19BHSM	30	3/27/2023	11,137.15	11,301.00	40	Marcellus Shale
WDTN19BHSM	31	3/27/2023	10,935.15	11,099.00	40	Marcellus Shale
WDTN19BHSM	32	3/27/2023	10,733.15	10,897.00	40	Marcellus Shale
WDTN19BHSM	33	3/28/2023	10,531.15	10,695.00	40	Marcellus Shale
WDTN19BHSM	34	3/28/2023	10,329.15	10,493.00	40	Marcellus Shale
WDTN19BHSM	35	3/28/2023	10,127.15	10,291.00	40	Marcellus Shale
WDTN19BHSM	36	3/29/2023	9,925.15	10,089.00	40	Marcellus Shale
WDTN19BHSM	37	3/30/2023	9,723.15	9,886.70	40	Marcellus Shale
WDTN19BHSM	38	3/31/2023	9,520.25	9,684.60	40	Marcellus Shale
WDTN19BHSM	39	4/3/2023	9,317.25	9,481.60	40	Marcellus Shale
WDTN19BHSM	40	4/3/2023	9,114.25	9,278.60	40	Marcellus Shale
WDTN19BHSM	41	4/3/2023	8,911.25	9,075.60	40	Marcellus Shale
WDTN19BHSM	42	4/3/2023	8,708.25	8,872.60	40	Marcellus Shale
WDTN19BHSM	43	4/4/2023	8,505.25	8,669.60	40	Marcellus Shale
WDTN19BHSM	44	4/4/2023	8,302.25	8,466.60	40	Marcellus Shale

# ATTACHMENT 2: WDTN19BHSM 47-061-01900

Well Name	Stage #	Start Date	Slurry Rate Avg (bbl/min)	Treat Pressure Avg (psi)	Breakdown Pressure (psi)	Instantaneous Shut-In Pressure (psi)	Proppant Total (lb)	Volume Clean Total (bbl)
WDTN19BHSM	1	3/13/2023	95	10,255.00	6,880.00	5,292.00	477,257.20	9,363.95
WDTN19BHSM	2	3/13/2023	97	10,946.00	6,983.00	5,535.00	452,244.00	8,618.00
WDTN19BHSM	3	3/13/2023	99	10,523.00	6,751.00	6,408.00	496,481.90	8,629.05
WDTN19BHSM	4	3/14/2023	99	10,805.00	6,725.00	7,195.00	487,204.60	8,359.10
WDTN19BHSM	5	3/14/2023	99	11,002.00	7,171.00	6,390.00	483,045.70	8,326.00
WDTN19BHSM	6	3/15/2023	99	10,743.00	6,967.00	6,583.00	470,515.00	8,174.98
WDTN19BHSM	7	3/15/2023	101	10,524.00	7,048.00	6,249.00	476,344.50	7,579.02
WDTN19BHSM	8	3/15/2023	98	10,585.00	6,729.00	6,512.00	474,854.80	8,478.95
WDTN19BHSM	9	3/16/2023	99	10,633.00	6,795.00	6,521.00	484,149.60	7,498.98
WDTN19BHSM	10	3/16/2023	100	10,562.00	6,960.00		494,055.90	7,371.05
WDTN19BHSM	11	3/16/2023	99	10,455.00	6,800.00		534,970.00	9,982.95
WDTN19BHSM	12	3/16/2023	100	10,651.00	6,789.00		470,900.90	7,243.05
WDTN19BHSM	13	3/17/2023	99	10,718.00	7,027.00	6,249.00	475,620.40	7,324.00
WDTN19BHSM	14	3/17/2023	100	10,699.00	6,977.00	5,727.00	476,857.30	7,218.98
WDTN19BHSM	15	3/17/2023	101	10,563.00	6,915.00	6,322.00	471,660.30	7,269.98
WDTN19BHSM	16	3/18/2023	100	10,198.00	7,192.00	6,242.00	471,285.50	7,202.98
WDTN19BHSM	17	3/18/2023	101	10,221.00	6,733.00	6,294.00	499,431.80	7,365.98
WDTN19BHSM	18	3/18/2023	100	10,132.00	7,142.00	5,906.00	492,018.50	7,362.02
WDTN19BHSM	19	3/18/2023	101	9,983.00	6,710.00	6,115.00	453,029.40	7,124.00
WDTN19BHSM	20	3/21/2023	102	9,905.00	6,414.00	6,364.00	488,203.10	7,418.98
WDTN19BHSM	21	3/23/2023	100	9,998.00	6,881.00	6,287.00	481,631.90	7,418.98
WDTN19BHSM	22	3/24/2023	100	9,912.00	7,142.00	6,419.00	476,248.60	7,318.05
WDTN19BHSM	23	3/24/2023	101	10,070.00	7,286.00	6,787.00	456,766.80	7,433.98
WDTN19BHSM	24	3/25/2023	100	9,739.00	6,928.00	6,059.00	444,084.70	6,863.00
WDTN19BHSM	25	3/26/2023	101	9,732.00	7,292.00	6,393.00	472,850.50	7,213.98
WDTN19BHSM	26	3/26/2023	99	9,236.00	7,065.00	6,259.00	477,974.70	7,214.05
WDTN19BHSM	27	3/26/2023	101	9,654.00	7,532.00	6,166.00	478,670.90	7,266.00
WDTN19BHSM	28	3/26/2023	101	9,428.00	7,506.00	6,078.00	487,098.90	7,641.07
WDTN19BHSM	29	3/27/2023	101	9,245.00	7,094.00	6,206.00	457,632.60	7,296.05
WDTN19BHSM	30	3/27/2023	101	9,005.00	6,724.00	5,942.00	480,188.70	7,465.93
WDTN19BHSM	31	3/27/2023	101	9,147.00	7,422.00	6,225.00	487,883.30	7,655.98
WDTN19BHSM	32	3/27/2023	101	9,675.00	7,177.00	6,544.00	482,154.10	7,739.95
WDTN19BHSM	33	3/28/2023	100	9,032.00	7,180.00	5,661.00	495,352.60	7,646.00
WDTN19BHSM	34	3/28/2023	102	9,336.00	6,801.00	6,238.00	484,041.30	7,569.00
WDTN19BHSM	35	3/29/2023	100	9,147.00	6,482.00	5,969.00	475,542.90	7,418.98
WDTN19BHSM	36	3/29/2023	102	9,330.00	7,130.00	5,667.00	478,644.60	8,606.02
WDTN19BHSM	37	3/31/2023	102	9,235.00	6,440.00	5,845.00	494,569.30	7,456.02
WDTN19BHSM	38	4/3/2023	102	9,205.00	7,403.00	6,020.00	484,329.30	7,467.00
WDTN19BHSM	39	4/3/2023	102	9,140.00	7,038.00	6,050.00	491,107.90	7,667.98
WDTN19BHSM	40	4/3/2023	102	9,109.00	7,273.00	6,216.00	494,151.50	7,491.02
WDTN19BHSM	41	4/3/2023	102	9,178.00	6,929.00	5,832.00	485,916.60	7,487.02
WDTN19BHSM	42	4/3/2023	102	9,638.00	7,436.00	6,164.00	412,742.50	6,986.00
WDTN19BHSM	43	4/4/2023	102	9,254.00	7,347.00	5,308.00	479,182.80	7,498.95
WDTN19BHSM	44	4/4/2023	102	9,191.00	6,760.00	5,712.00	395,222.50	6,654.98

09/15/2023

#### API:47-061-01900

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#### CNX RESOURCES LLC

### WELL NAME: WDTN19BHSM

All depths are referenced to GLE

		BOTTOM	LITHOLOGIES		
LITHOLOGY / FORMATION NAME	TOP DEPTH IN FT TVD	DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H2S, ETC)
Sand/Siltstone	0	513	0	513	SANDSTONE / TRACES OF SILTSTONE & LIMESTONE & COAL
Washington Coal Seam	513	515	513	515	COAL
Sand/Siltstone	515	603	515	603	SANDSTONE / TRACES OF GRAY SHALE, COAL, QUARTZ & SILTSTONE
Waynesburg A Coal Seam	603	604	603	604	COAL
Sand/Siltstone	604	677	604	677	SANDSTONE & SHALE
Waynesburg B2 Coal Seam	677	679	677	679	COAL
Sand/Siltstone	679	679	679	679	SANDSTONE / TRACES OF SILTSTONE & PYRITE
Waynesburg B1 Coal Seam	679	683	679	683	COAL
Sand/Siltstone	683	938	683	938	SANDSTONE AND SILTSTONE
Sewickley Coal Seam	938	943	938	943	COAL
Sand/Siltstone	943	1,000	943	1,000	SANDSTONE
Roof Coal	1,000	1,002	1,000	1,002	COAL
Sand/Siltstone	1,002	1,025	1,002	1,025	GRAY SHALE
Roof Coal Zone	1,025	1,030	1,025	1,030	COAL
Sand/Siltstone	1,030	1,031	1,030	1,031	GRAY SHALE / TRACES OF SILTSTONE
Pittsburgh Coal Seam	1,031	1,038	1,031	1,038	COAL
Sand/Siltstone	1,038	1,401	1,038	1,401	BLACK SHALE, GAS SHOW
Bakers Town	1,401	1,402	1,401	1,402	GRAY SHALE
Sand/Siltstone	1,402	1,506	1,402	1,506	GRAY SHALE & LIMESTONE
Brush Creek	1,506	1,507	1,506	1,507	BLACK SHALE
Sand/Siltstone	1,507	1,565	1,507	1,565	BLACK SHALE, GAS SHOW
Mahoning	1,565	1,566	1,565	1,566	COAL
Sand/Siltstone	1,566	1,616	1,566	1,616	GRAY SHALE / TRACES OF SILTSTONE
Upper Freeport	1,616	1,616	1,616	1,616	COAL
Gas Sand	1,616	1,656	1,616	1,656	SANDSTONE
Lower Freeport	1,656	1,658	1,656	1,658	COAL
1st Salt Sand	1,658	1,780	1,658	1,780	SANDSTONE
Middle Kittanning Coal Seam	1,780	1,781	1,780	1,781	COAL
Sand/Siltstone	1,781	1,868	1,781	1,868	GRAY SHALE / TRACES OF SILTSTONE
2nd Salt Sand	1,868	2,010	1,868	2,010	SANDSTONE
3rd Salt Sand	2,010	2,248	2,010	2,248	SANDSTONE
Big Lime	2,248	2,331	2,248	2,331	LIMESTONE
Big Injun Top	2,331	2,535	2,331	2,535	SANDSTONE

#### API:47-061-01900

#### **CNX RESOURCES LLC**

#### WELL NAME: WDTN19BHSM

All depths are referenced to GLE

			LITHOLOGIES		
LITHOLOGY / FORMATION NAME	TOP DEPTH IN FT TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H2S, ETC)
Big Injun Base	2,535	2,928	2,535	2,928	SILTSTONE
Gantz	2,928	3,009	2,928	3,009	SANDSTONE / SILTSTONE
Gant Base	3,009	3,107	3,009	3,107	SILTSTONE
50 Foot Sand	3,107	3,161	3,107	3,161	SANDSTONE / SILTSTONE
50 Foot Sand Base	3,161	3,197	3,161	3,197	SILTSTONE
30 Foot Sand	3,197	3,228	3,197	3,228	SANDSTONE
30 Foot Sand Base	3,228	3,283	3,228	3,283	SILTSTONE
Gordon Sand	3,283	3,333	3,283	3,333	SANDSTONE
Gordon Base	3,333	3,387	3,333	3,387	SILTSTONE
Fourth Sand	3,387	3,392	3,387	3,392	SANDSTONE
Fourth Sand Base	3,392	3,563	3,392	3,562	SILTSTONE
Fifth Sand	3,563	3,643	3,562	3,641	SANDSTONE
Fifth Sand Base	3,643	4,930	3,641	4,909	SILTSTONE
Bradford	4,930	5,621	4,909	5,590	SANDSTONE
Elk	5,621	5,870	5,590	5,835	SILTSTONE / GREY SHALE
2nd Elk	5,870	6,912	5,835	6,862	SILTSTONE / GREY SHALE
Rhinestreet	6,912	7,225	6,862	7,170	GREY SHALE
Cashaqua	7,225	7,429	7,170	7,369	GREY SHALE
Middlesex	7,429	7,541	7,369	7,472	GREY SHALE
West River	7,541	7,766	7,472	7,656	GREY SHALE
Burket Shale	7,766	7,806	7,656	7,684	GREY SHALE
Tully Limestone	7,806	7,860	7,684	7,720	LIMESTONE / GRAY SHALE
Hamilton Shale	7,860	8,186	7,720	7,864	GREY SHALE
Upper Marcellus	8,186	8,265	7,864	7,878	BLACK SHALE
Middle Marcellus	8,265	8,323	7,878	7,883	BLACK SHALE
Cherry Valley	8,323	8,513	7,883	7,884	LIMESTONE
Lower Middle Marcellus	8,513		7,884		BLACK SHALE
Onondaga Limestone			1.1.1.1.1.1.1.1		LIMESTONE

# Hydraulic Fracturing Fluid Product Component Information Disclosure

3/13/2023	Job Start Date:
4/4/2023	Job End Date:
West Virginia	State:
Monongalia	County:
47-061-01900-00-00	API Number:
CNX Gas Company LLC	Operator Name:
WDTN19BHSM	Well Name and Number:
39.69339200	Latitude:
-80.33526300	Longitude:
NAD83	Datum:
NO	Federal Well:
NO	Indian Well:
7,916	True Vertical Depth:
14,125,650	Total Base Water Volume (gal):
0	Total Base Non Water Volume:



Oil & Gas



Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	CNX	Carrier/Base Fluid					
		-	Water	7732-18-5	100.00000	84.73455	None
Sand	US Silica	Proppant					
1			Crystalline Silica in the form of Quartz	14808-60-7	99.90000	15.03529	None
StimSTREAM 9800	CHEMSTREAM	Friction Reducer		in the second se			
			Alkanes, C16-20-iso-	90622-59-6	25.00000	0.01718	None
			Butene, homopolymer	9003-29-6	25.00000	0.01718	None
			Ethoxylated alcohols	68213-23-0	3.00000	0.00206	None
HCL Acid (28%)	CHEMSTREAM	Acidizing		1000		(	
	S		Hydrochloric Acid	7647-01-0	28.00000	0.03100	None
CoilSTREAM VB 625	CHEMSTREAM	Gelling Agent					
			Heavy Aliphatic Naphtha	64742-96-7	60.00000	0.00256	None
			Guar Gum	9000-30-0	50.00000	0.00213	None
	5		Trade Secret	9043-30-5	5.00000	0.00021	None
			Trade Secret	1338-43-8	3.00000	0.00013	None
			Trade Secret	14808-60-7	3.00000	0.00013	None
Clearal 268	CHEMSTREAM	Biocide					

	1	1	Glutaraldehyde	111-30-8	20.00000	0.00213None
			Didecyl dimethyl ammonium chloride	7173-51-5	3.00000	0.00032None
Second Second			Alkyl dimethyl benzyl ammonium chloride	68391-01-5	3.00000	0.00032None
timStream SC 398	CHEMSTREAM	Scale Inhibitor		La contra la con	1	
			Bis(HexaMethylene Triamine Penta(Methylene Phosphonic Acid) (BHMT)	34690-00-1	10.00000	0.00190None
CI-250	CHEMSTREAM	Acid corrosion inhibito	r			
			Methanol	67-56-1	45.00000	0.00025None
	1.000		Ethylene glycol	107-21-1	20.00000	0.00011None
			Trade Secret	72480-70-7	15.00000	0.00008None
			N,N-Dimethylformamide	68-12-2	10.00000	0.00006None
			2-Butoxyethanol	111-76-2	5.00000	0.00003None
mmonium Persulfate	CHEMSTREAM	Breaker				
			Ammonium Persulfate	7727-54-0	100.00000	0.00039None
itric Acid 50%	CHEMSTREAM	Iron Control Agent			1	
			citric acid	77-92-9	50.50000	0.00038None
noredients shown ab	ove are subject to 29	CFR 1910.1200(i) and an	pear on Material Safety Data She	ets (MSDS). Ingredie	ents shown below are Non-M	ISDS.
ther Chemical(s)	Listed Above	See Trade Name(s) List				
			Butene, homopolymer	9003-29-6	25.00000	0.01718
			Guar Gum	9000-30-0	50.00000	0.00213
			Guar Gum Ethoxylated alcohols	9000-30-0 68213-23-0	50.00000 3.00000	0.00213 0.00206
			Ethoxylated alcohols Didecyl dimethyl ammonium	protot and state and a		INCLUE IN LA
			Ethoxylated alcohols	68213-23-0 7173-51-5	3.00000	0.00206 0.00032 0.00032
			Ethoxylated alcohols Didecyl dimethyl ammonium chloride Alkyl dimethyl benzyl ammonium	68213-23-0 7173-51-5	3.00000 3.00000	0.00206 0.00032
			Ethoxylated alcohols Didecyl dimethyl ammonium chloride Alkyl dimethyl benzyl ammonium chloride	68213-23-0 7173-51-5 68391-01-5	3.00000 3.00000 3.00000	0.00206 0.00032 0.00032
			Ethoxylated alcohols Didecyl dimethyl ammonium chloride Alkyl dimethyl benzyl ammonium chloride Trade Secret	68213-23-0 7173-51-5 68391-01-5 9043-30-5	3.00000 3.00000 3.00000 5.00000	0.00206 0.00032 0.00032 0.00021
			Ethoxylated alcohols Didecyl dimethyl ammonium chloride Alkyl dimethyl benzyl ammonium chloride Trade Secret Trade Secret	68213-23-0 7173-51-5 68391-01-5 9043-30-5 1338-43-8	3.00000 3.00000 3.00000 5.00000 3.00000	0.00206 0.00032 0.00032 0.00021 0.00013
			Ethoxylated alcohols Didecyl dimethyl ammonium chloride Alkyl dimethyl benzyl ammonium chloride Trade Secret Trade Secret Trade Secret	68213-23-0 7173-51-5 68391-01-5 9043-30-5 1338-43-8 14808-60-7	3.00000 3.00000 5.00000 3.00000 3.00000 3.00000	0.00206 0.00032 0.00032 0.00021 0.00013 0.00013
			Ethoxylated alcohols Didecyl dimethyl ammonium chloride Alkyl dimethyl benzyl ammonium chloride Trade Secret Trade Secret Trade Secret Ethylene glycol	68213-23-0 7173-51-5 68391-01-5 9043-30-5 1338-43-8 14808-60-7 107-21-1	3.00000 3.00000 3.00000 5.00000 3.00000 3.00000 20.00000	0.00206 0.00032 0.00032 0.00021 0.00013 0.00013 0.00011

\* Total Water Volume sources may include fresh water, produced water, and/or recycled water
\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided. Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)