COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

Electronic INVESTIGATION OF)	
JURISDICTIONAL STATUS OF EAST)	Case No.
KENTUCKY MIDSTREAM, LLC, AND OF)	200221101
ITS COMPLAIANCE WITH KRS CHAPTER)	2020-00238
278, 807 KAR CHAPTER 005, AND 49 CFR		
PARTS 191 AND 192		

Response to Staff's First Request for Information

East Kentucky Midstream herewith submits its Response to the Commission Staff's

First Request for Information. A signed certification for this Response appears on the

following page. Documents referenced in response to a particular Staff data request (1 PSC

__) have been stamped with identifying numbers beginning with "01-__" and are attached in sequence at the end of the Response.

ID #s, from-to	Title / Description	In response to
0001 - 0016	System diagrams	1 PSC 01
0017-0029	Redacted Customer List	1 PSC 04

Respectfully submitted,

/s/ Kathryn A. Eckert

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COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

In	the	Matter	of.
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Electronic INVESTIGATION OF)	
JURISDICTIONAL STATUS OF EAST)	Case No.
KENTUCKY MIDSTREAM, LLC, AND OF)	2020-00238
ITS COMPLAIANCE WITH KRS CHAPTER)	2020-00236
278, 807 KAR CHAPTER 005, AND 49 CFR		
PARTS 191 AND 192		

Certification

This is to certify that I have supervised the preparation of the response to the Commission Staff's Initial Request for Information to East Kentucky Midstream on behalf of the corporate respondent and that the responses are true and accurate to the best of my knowledge, information and belief after reasonable inquiry.

DATE: 9-22-22

Jack Justice, Member

Ky. PSC No. 2022-00238 Response to 1 PSC 01 Witness: Jack Banks Page 1 of 1

Request

- 1. Provide a detailed diagram of the entire natural gas system under East Kentucky Midstream control, including but not limited to
 - a. All pipelines, starting from producing wells to line connections;
 - b. Any and all wells or any other gas suppliers to the pipeline;
 - c. Any and all gathering lines;
 - d. Any and all processing plants;
 - e. Any and all dehydration units;
 - f. Any and all compressor stations;
 - g. Any and all valves; and
 - h. Any and all regulator stations.

Response

- a. Please see diagrams labeled 01-0001 to 1-0010. 01-0001 is a diagram of the overall system; 01-0002-1-0010 shows different sections of the overall system in greater detail.
- b. Please see diagrams labeled 01-0011 to 01-0016.
- c. Please see diagrams labeled 01-0002 to 01-0010.
- d. N/A.
- e. Please see diagram 01-0002 showing the single dehydration unit at Hazel Green.
- f. These are portrayed on the diagrams as follows: 01-0002 for Hazel Green; 01-0004 for Leander; 01-0008 for Van Lear; and 01-0010 for Means.
- g. Please see diagrams labeled 01-0002 to 1-0010.
- h. Please see diagrams labeled 01-0011 to 1-0016.

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Request

2. Indicate the Maximum Allowable Operating Pressure (MAOP) of all lines listed on the diagram.

Response

The Maximum Allowable Operating Pressure (MAOP) of all lines listed on the diagram produced in response to 1 PSC 01 are as follows:

1.	\mathbf{C}	235 1	bs.

7. KZ West 35 lbs.

3. Include a detailed written explanation of the nature gas system diagram for East Kentucky

Midstream.

Response

Please see the response to 1 PSC 02 for the MAOP for each line. The explanation for

each segment of the East Kentucky Midstream follows below.

Line A-1

Line A-1 gathers gas from only one (1) well (Troublesome Creek). It provides gas to

numerous farm tap customers for Kentucky Frontier Gas ("KFG") and East Kentucky

Midstream ("EKM"). It also provides gas to the following city gates of KFG at Campton,

Pine Ridge and Cliff View Resort. Gas is supplied from a combination of the C-Line and

A-2 Line.

Lines A-2, A-3

For Lines A-2 and A-3, gas flows are bi-directional, with gas flow from east to west into

the C-Line and from west to east into the J-Line. There are two (2) interconnects between

J-Line & Line A-3 at Salversville, KY (western most section of J-Line) and the Leander

Compressor Station. Numerous producer sales meters supply gas to Lines A-2 and A-3.

These lines provide gas to numerous farm tap customers served by KFG and EKM. The

northern section of Line A-3 terminates (capped) at the former Jude Measurement

Station.

Line A-4

This line provides gas to numerous farm tap customers served by KFG and EKM. Gas is

primarily supplied by Hay Exploration. Line A-4 is not connected to Line A-3 as shown

on the diagrams produced in response to 1 PSC 01. This gap was due to past strip-mining

operations when the pipeline was removed and never replaced. The north end of Line A-4

is disconnected (capped) at Fallsburg, KY.

Line A-5

Prior to and since acquisition of Line A-5, on January 8, 2021, the southern portion of

this pipeline has been idled as to delivery of gas supplies from Fallsburg, Kentucky

(located at the junction of Lines A-4 and A-5), north to Golden Gate Meter Station.

However, the rectifier system is still operational for this section of Line A-5. The

remaining three (3) miles from Golden Gate to the Marathon Refinery is being utilized by

Slone Energy. EKM receives gas from Slone's gathering line at Golden Gate

Measurement Station and delivers these supplies to the refinery.

C-Line

Gas flows are bi-directional in the C-line, with gas flows from south (Frozen Field) to

north at the interconnects of Lines A-1 & A-2, and then further north to Line KZ-East at

Ezel, Kentucky. Please see the diagrams produced in response to 1 PSC 01. Gas also

flows from north to south, starting at the Ezel interconnect and then travelling south.

Line KZ-East receives gas supplies from the Columbia Gas Transmission ("TCO") at

Means Measuring Station. Please see diagram 1-0009. This line provides gas to

numerous farm tap customers served by KFG and EKM. It also provides gas to the

following city gates of KFG at Jackson, Hazel Green, and Ezel.

The J-Line interconnects with Line A-3 in two places: Salyersville, Kentucky and the

Leander Compressor Station. Gas then flows Northeast to the compressor

station/measurement station located at Van Lear, Kentucky. EKM's Van Lear Station

interconnects with TCO. Excess local producer gas supplies, especially in the summer,

are sold to TCO's markets by Southern Energy.

KZ-East

KZ-East receives gas from the West at TCO's Means Measurement Station. KZ-East

also receives excess local producer gas supplies from Line-C at Ezel, Kentucky. This gas

is then delivered to Means Measurement Stations, where it is sold to TCO's markets by

Southern Energy. Gas supplies are delivered to the Eastern terminus of KZ-East at the

city gate of West Liberty, Kentucky. West Liberty's customers are the West Liberty

Municipal Gas Company and the Eastern Kentucky Correctional Complex.

KZ-West

This line provides gas to numerous farm tap customers served by KFG and EKM. Gas

supplies are delivered from TCO's Means Measurement Station (from east to west). In

addition, gas supplies from local producer gas are delivered from Line-C's Ezel

interconnect (from east to west).

Request

- 4. Identify by name and location:
 - a. Any and all suppliers;
 - b. Any and all sales of purchase points; and
 - c. Any and all residential and commercial customers, whether free, farm tap, or other.

Response

a. For locations, please see the corresponding diagrams produced in response to 1 PSC

01(b) and 01(h).

Natural Gas Producer Purchases East Kentucky Midstream

Meter No.	<u>Producer</u>
A165	Apex Gas LLC
A166	Apex Gas LLC #2
A167	Apex Gas LLC #3
A222	County Line Resources
A550	Arnett Acres
B390	Burning Fork LLC
C159	Primrose Oil LLC
C180	HTC Gas Company
C540	C&P Energy
K117	Troublesome Creek Gas
K200	Quality Natural Gas
K390	Ky River Energy, LLC
L300	Lakeview Gathering System
M350	MBM Production, LLC
M355	Middle Fork Gas
N165	Diversified Energy
N250	Spirit Energy
ROY100	Thealka Gas
ROY17	Mary Anne Johnson
Roy18	Richard Parks
Roy 80	Tackett & Sons
Roy 90	Lawrence County Gas
ROY 92	Levi Oil & Gas
Roy97	Roberts Resources
T200	Troublesome Creek Gas

S285	Stinson Creek LLC
H252	Hays Exploration
H185	Hard Rock Energy

Natural Gas – Columbia Gas Purchases East Kentucky Midstream

Supplier - Southern Energy, LLC Location - Means Station See diagram 01-0009

Regulator Stations

8		
Cliffview Resort	Walkers Creek	Wolfe County
Highland Elem.	Rt 23	Johnson County
Haddix Property	Hwy 1812	Breathitt County
Wolfe Cnty Line	Hwy 15	Wolfe County
Hurst Property	Hwy205	Breathitt County
Red River Valley (2 units)	Hwy 191	Wolfe County
Hazel Green	Hwy 191	Wolfe County
Robinson Property (2 units)	15N Campton	Wolfe County
Bear Pen	Stephens Rd.	Wolfe County
Mt. Carmel	Hwy 541	Breathitt County
Ky Mountain College(2 units)	Hwy 541	Breathitt County

Producers Sales Meters Per/County

Breathitt County

County Line Resources

Troublesome Creek Gas (KGD Wells)

Quality Natural Gas

Ky River Energy, LLC

Mary Ann Johnson

Troublesome Creek (Miller Branch)

Tackett & Sons Drilling

Magoffin County

Burning Fork, LLC

Primrose Oil, LLC

C&P Energy

Hard Rock Energy

Diversified Energy

Spirit Energy, LLC

Stinson Creek, LLC

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Tackett & Sons Drilling

Johnson County

MBM Production

Diversified Energy

Thealka Gas

Lawrence County Gas

Kentucky Energy Group

Roberts Resources

Wolfe County

Troublesome Creek

Troublesome Creek (Richard Parks)

Morgan County

Apex Gas 1,2,3,4,5

Tackett & Sons

b.

Sales and Purchase Points

Frontier Gas Master Meters

Jackson, Kentucky (Highway 15) **Breathitt County** Jackson, Kentucky (Panbowl Road) **Breathitt County** HazelGreen, Kentucky (Highway 191) Wolfe County Campton, Kentucky (Campton) Wolfe County Campton Kentucky (Pineridge) Wolfe County Devils Creek Kentucky (Cliffview) Wolfe County Hooten Hollow Campton, Ky Wolfe County Harold Oakley Campton, Ky Wolfe County

Note: Frontier Gas' Farm Tap customers are located on multiple EKM pipelines.

West Liberty Gas System

West Liberty, KY – City Gate Morgan County
West Liberty, KY - Prison Morgan County

Deliveries to Columbia Gas

Trans Canada (Columbia Gas)

Trans Canada (Columbia Gas

Note: EKM sells to Southern Energy, LLC at Columbia locations

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c. Please see the produced customer list marked 01-0017 to 01-0029.

¹ This attachment has been redacted pursuant to 807 KAR 5:001 Section 4(10).

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Request

5. Include a list of any and all gas lines that had gas flowing at the time of the acquisition of Jefferson Gas² by East Kentucky Midstream, but now do not, and include a detailed reason for the stop of flow. This includes, but is not limited to, lines that have been terminated, abandoned, and disconnected. This shall be an ongoing request.

Response

Since the time of acquisition of Jefferson Gas by East Kentucky Midstream, there are no gas lines which had gas flowing at the time of acquisition but now do not.

² Jefferson Gas Transmission Company, Inc., merged with Jefferson Gas, LLC, in 2002, with Jefferson Gas, LLC, being the surviving entity. "Jefferson Gas" in this Order refers to Jefferson Gas, LLC, and its predecessor entity.

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Request

6. In reference to the Pipeline and Hazardous Materials Safety Administration (PHMSA) Annual Reports from 2020 and 2021, it appears that there has been a 15-mile reduction in transmission lines. Provide a detailed explanation for this reduction and any and all documentation related to the reduction.

Response

East Kentucky Midstream believes this would be in reference to a 15-mile section of Line A-

5, but any reduction occurred prior to acquisition by EKM. Since the date of acquisition, the

15-mile section of Line A-5 has been idled.

Request

7. Provide information regarding the limited jurisdiction certificate issued by Federal Energy Regulatory Commission to Jefferson Gas in 2009, and whether the certificate has been transferred to East Kentucky Midstream since acquisition, or if the line has been abandoned.

Response

The limited jurisdiction certificate mentioned above was issued when Columbia Gas abandoned certain of its assets to Jefferson Gas through sale and needed approval of the Commission for such abandonment. The Commission found that Jefferson Gas was a non-jurisdictional gatherer of natural gas that is engaged in gathering local production from its wells, as well as those owned by third-party producers, and delivering it to other entities for retail sales or to Columbia for delivery to interstate markets. For these reasons, the Commission concluded that the primary function of the facilities will be gathering once Columbia abandoned them by sale.

The functions of EKM have not changed from those of Jefferson since acquisition.

Request

8. Provide information regarding the adoption of Jefferson Gas's tariff since acquisition.

Response

Since acquisition of Jefferson Gas assets in March 2021, EKM serves the same customers as Jefferson Gas at the same contract prices that Jefferson Gas did immediately prior to acquisition. Prior to EKM's acquisition, Jefferson Gas had numerous emergency meetings in late 2020 with the Commission, Attorney General's office and customers to discuss the exigent circumstances leading to increases in prices to keep the system functioning. These increased prices, which were agreed to by Kentucky Frontier, were the contract prices adopted by EKM at acquisition and are the same contract prices currently in place.

9. Provide all current rates being charged to all classes of customers, residential or commercial, and any changes to those rates, whether increase or decrease, since acquisition.

Response

There have been no changes to contract prices since acquisition of Jefferson Gas assets in March 2021. The current charges are as follows.

Kentucky Frontier Gas

<u>Locally Produced Gas</u>: First of the Month – TCO Appalachian Index + \$5.75/Dth

Transport Fee + 12% LAUF

Interstate Gas from TCO (Delivered via TCO at Means Station): Variable Rate from

Third Party Marketer (at exact cost) + \$5.75/Dth Transport Fee + 12% LAUF

West Liberty Municipality

Interstate Gas from TCO (Delivered via TCO at Means Station): First of the Month –

NYMEX Index + \$5.63/Dth

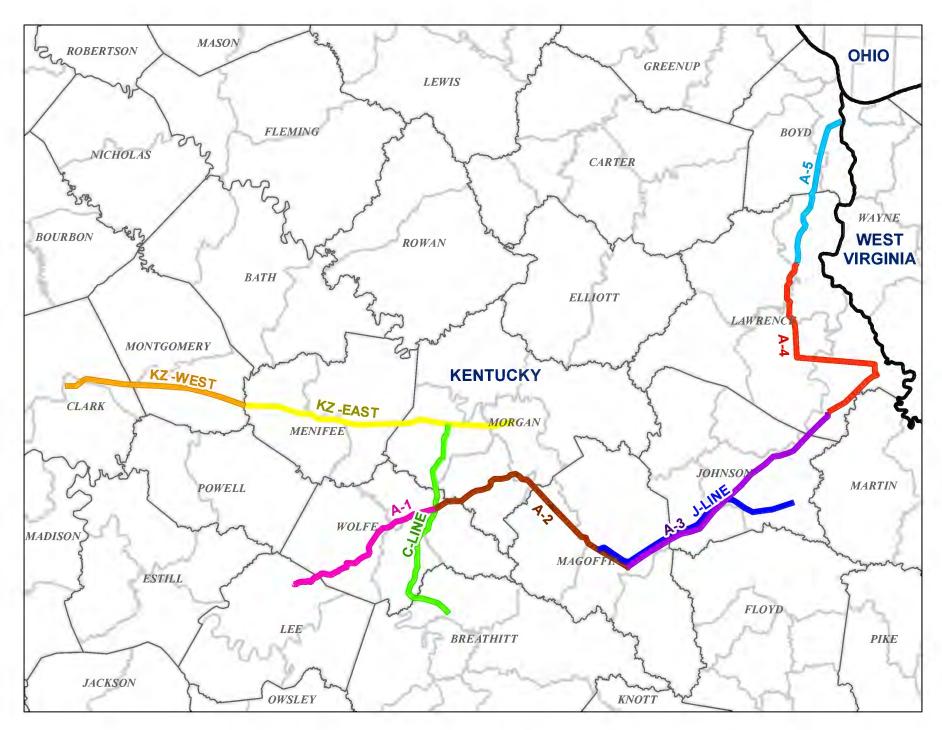
West Liberty Prison

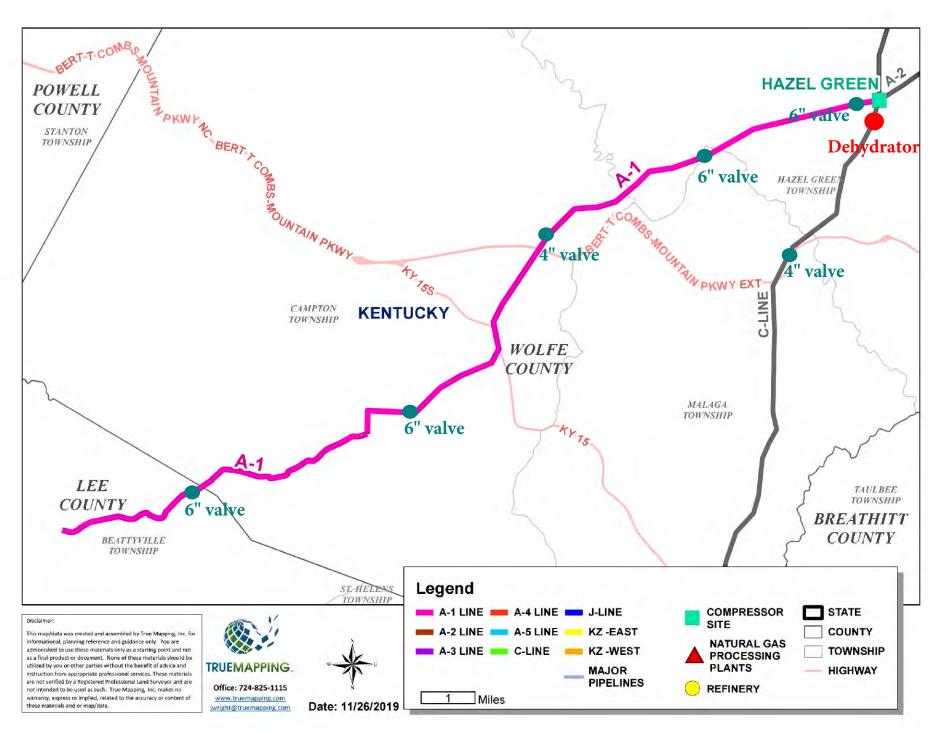
Interstate Gas from TCO (Delivered via TCO at Means Station): First of the Month –

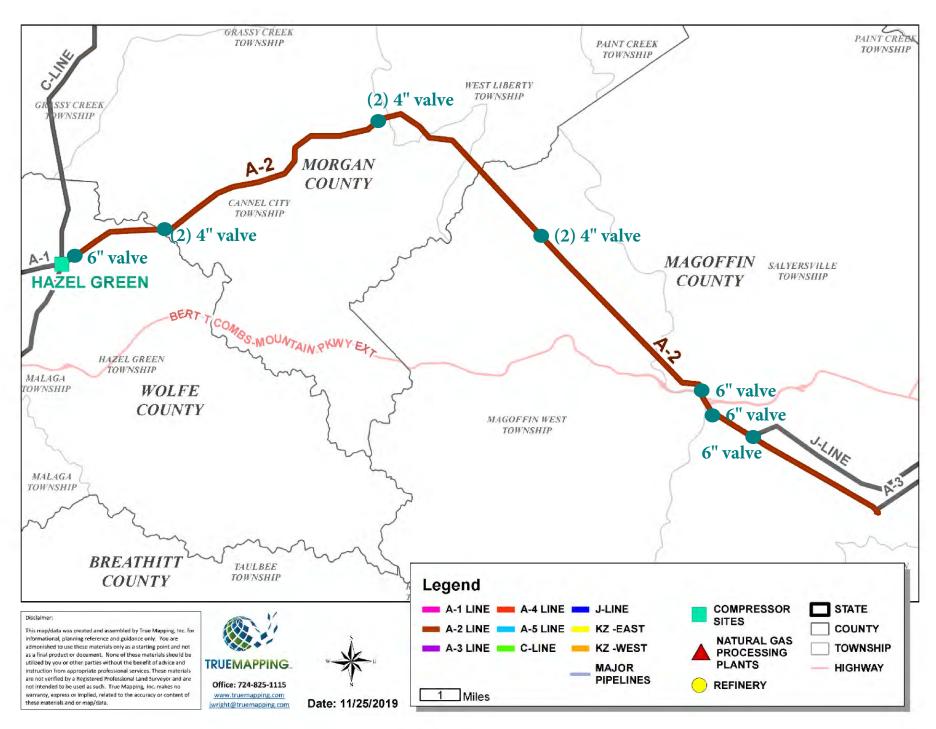
NYMEX + \$5.13/Dth

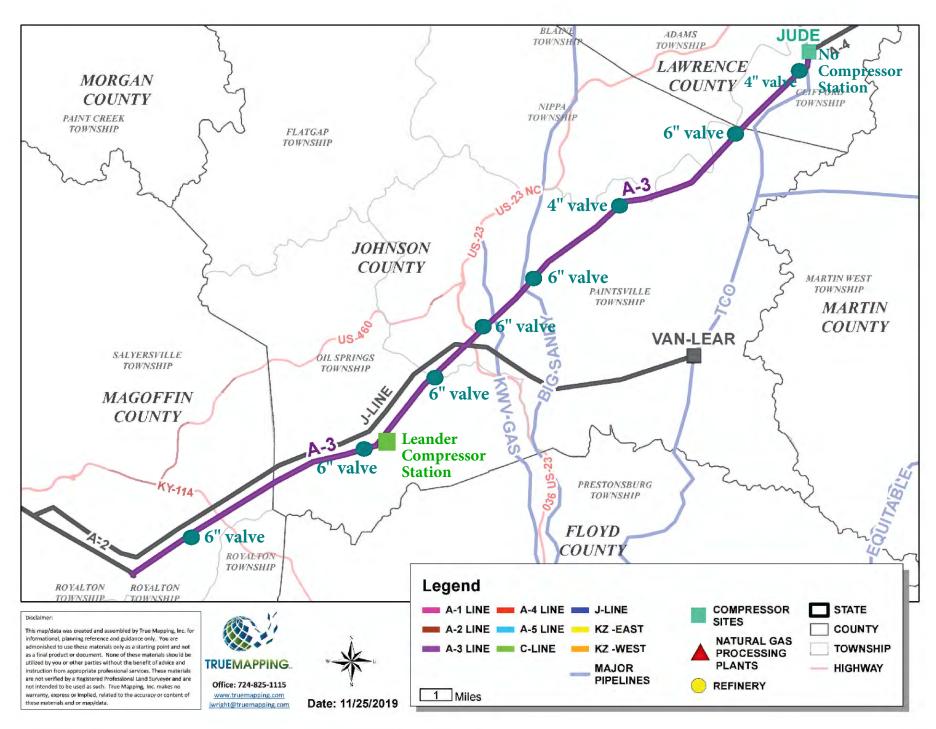
EKM Farm Taps

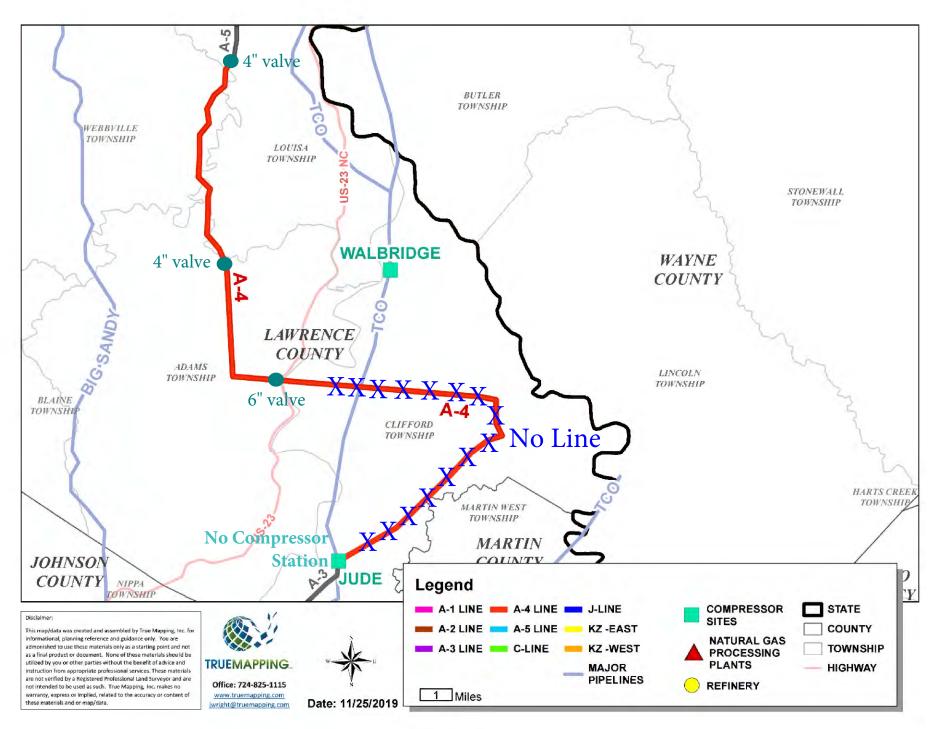
TCO Appalachian Index + \$5.75/Dth + \$2.00/Dth (LAUF & Meter Reading)

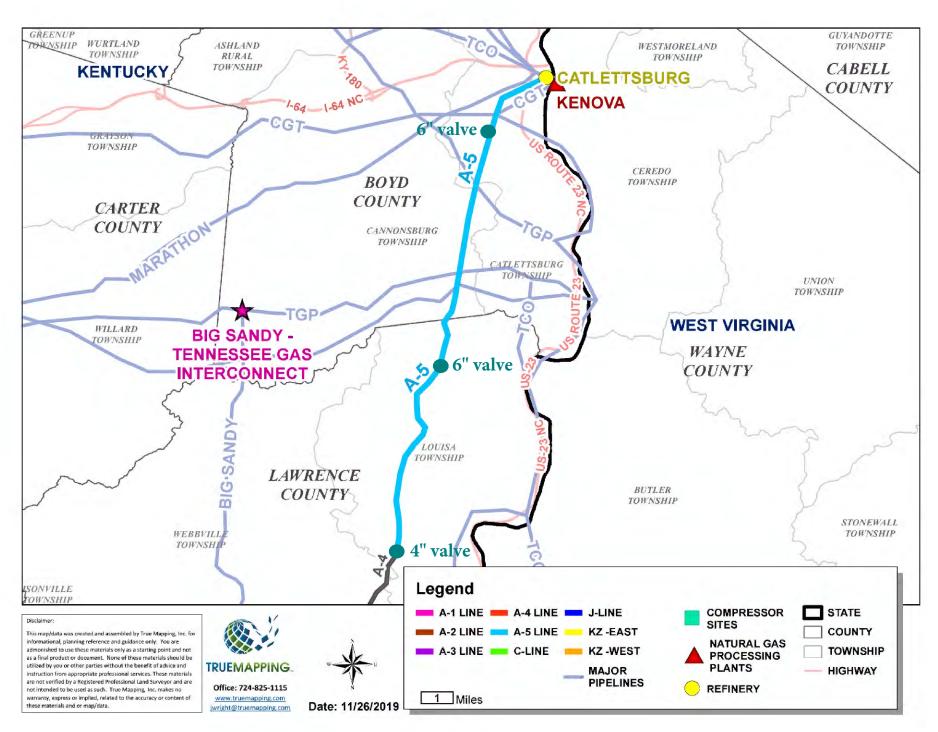


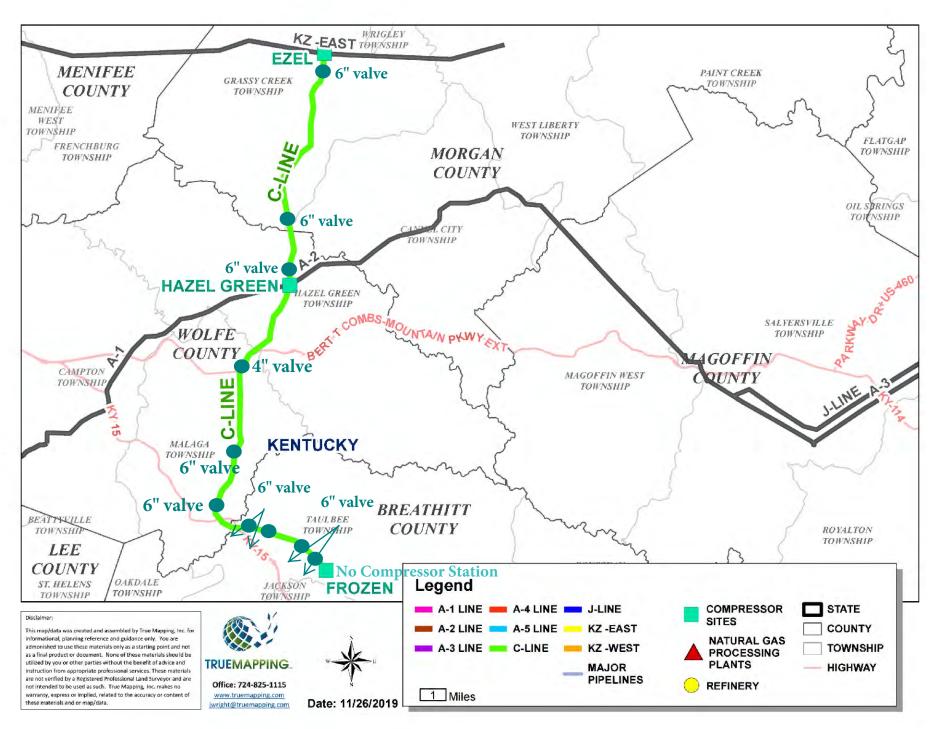


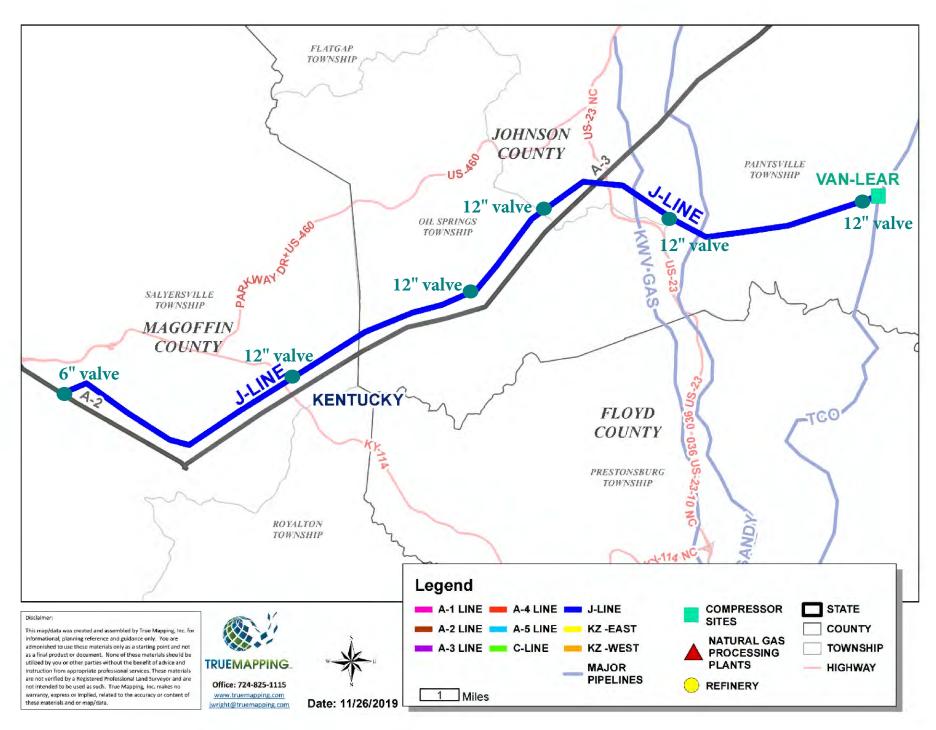


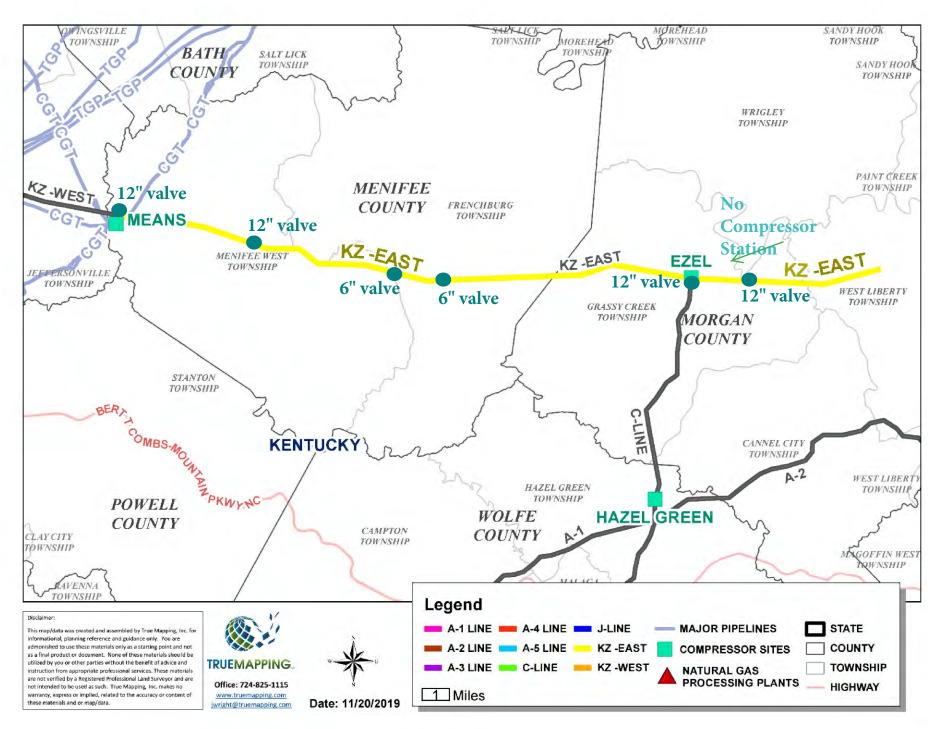


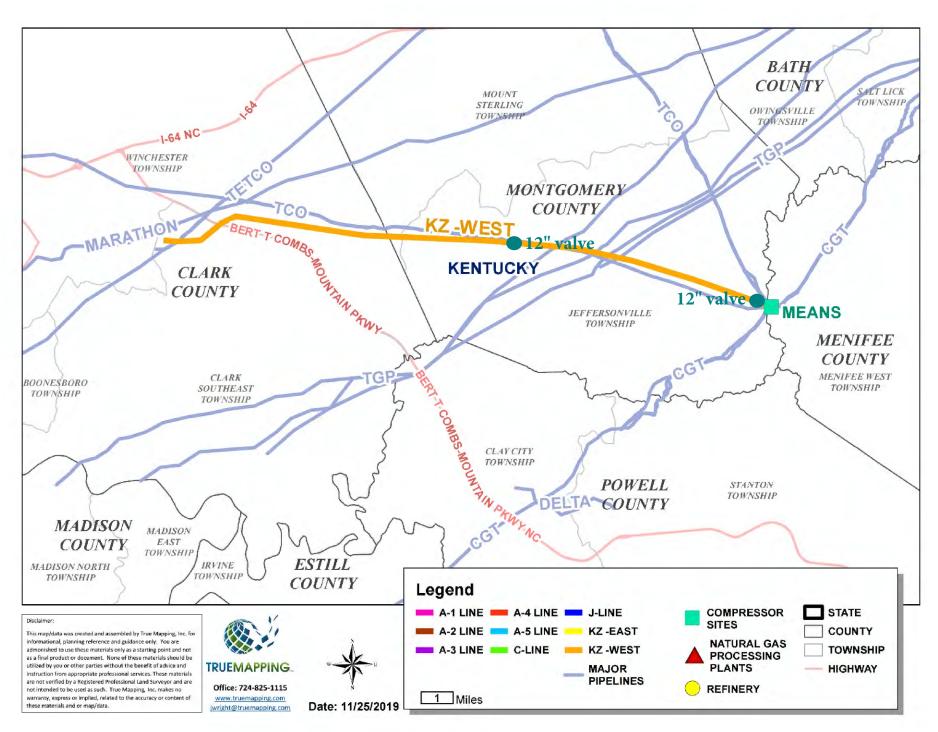


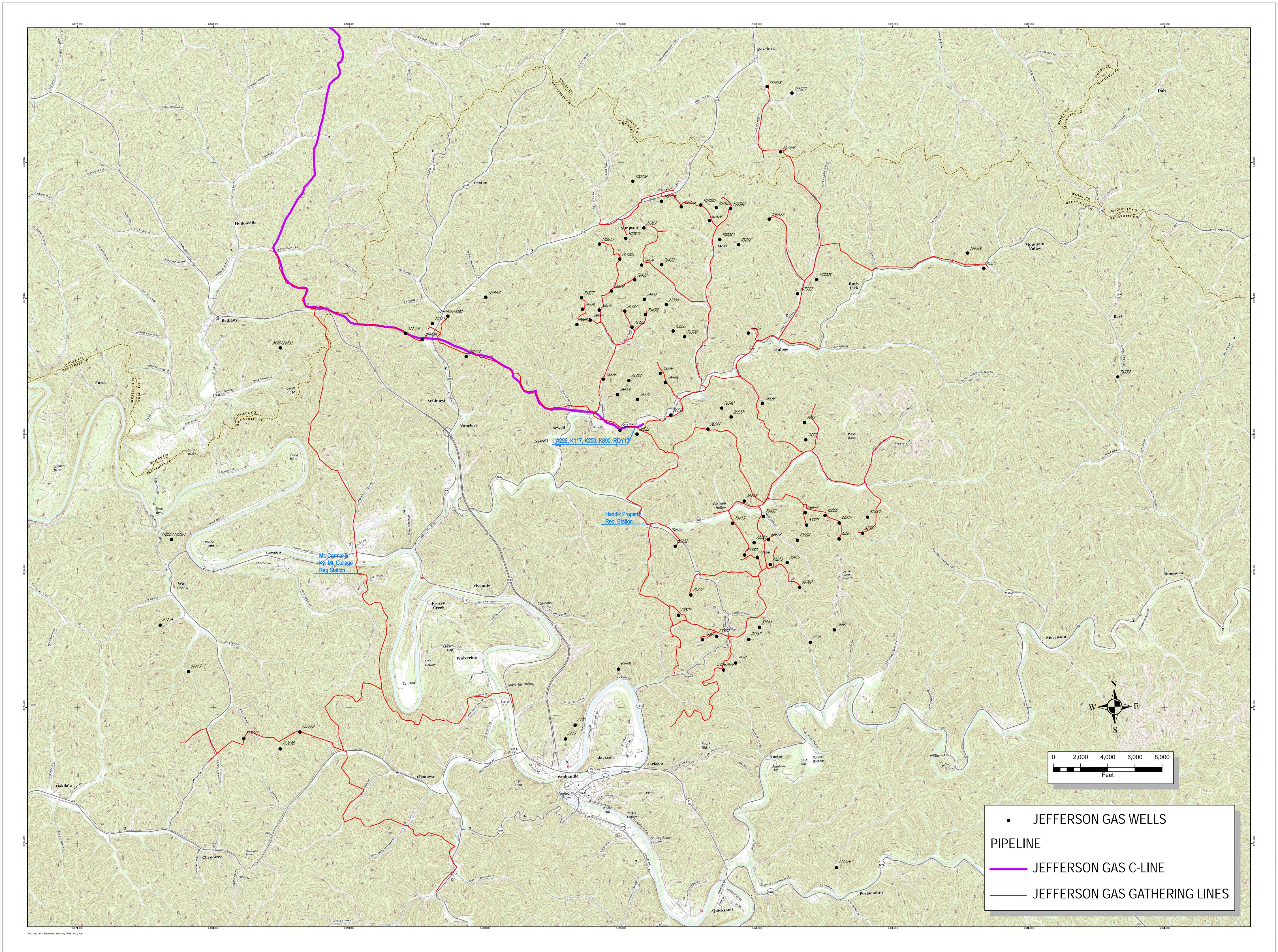


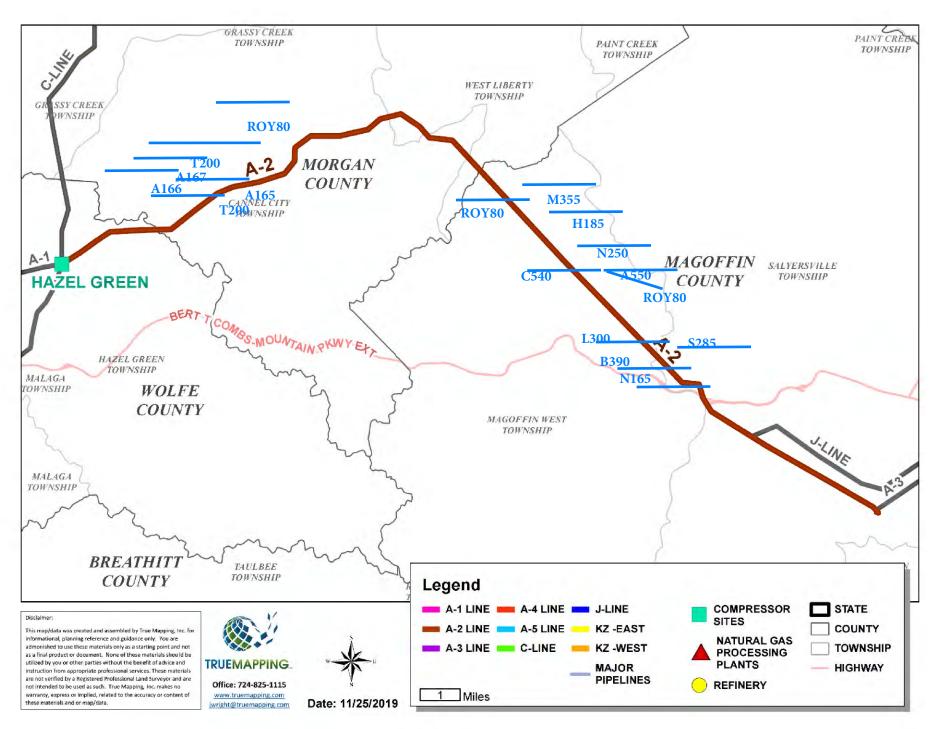


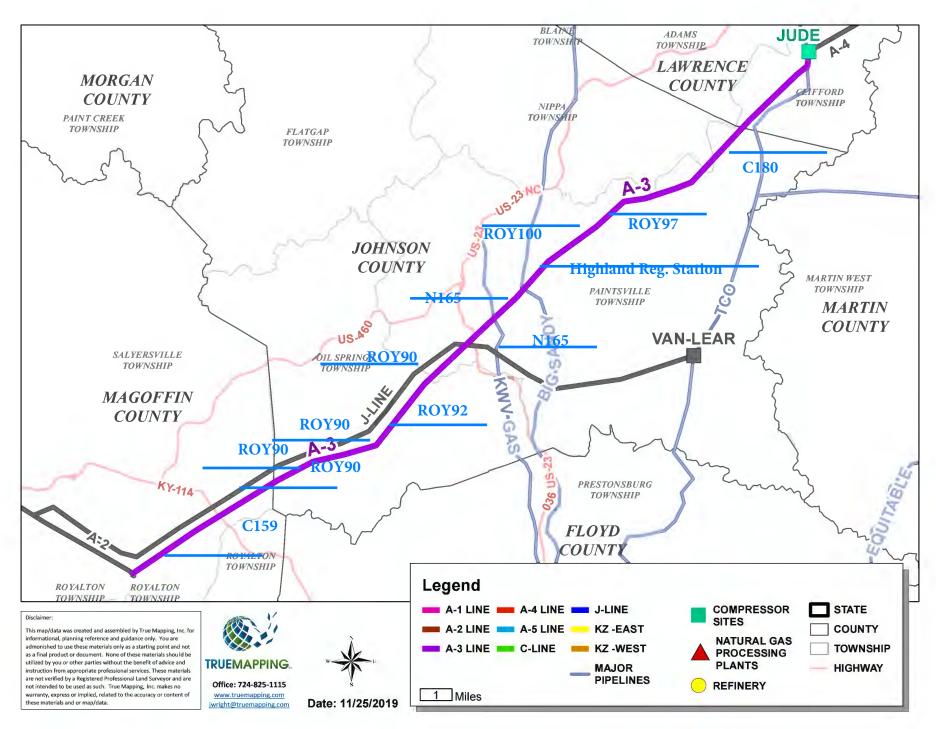


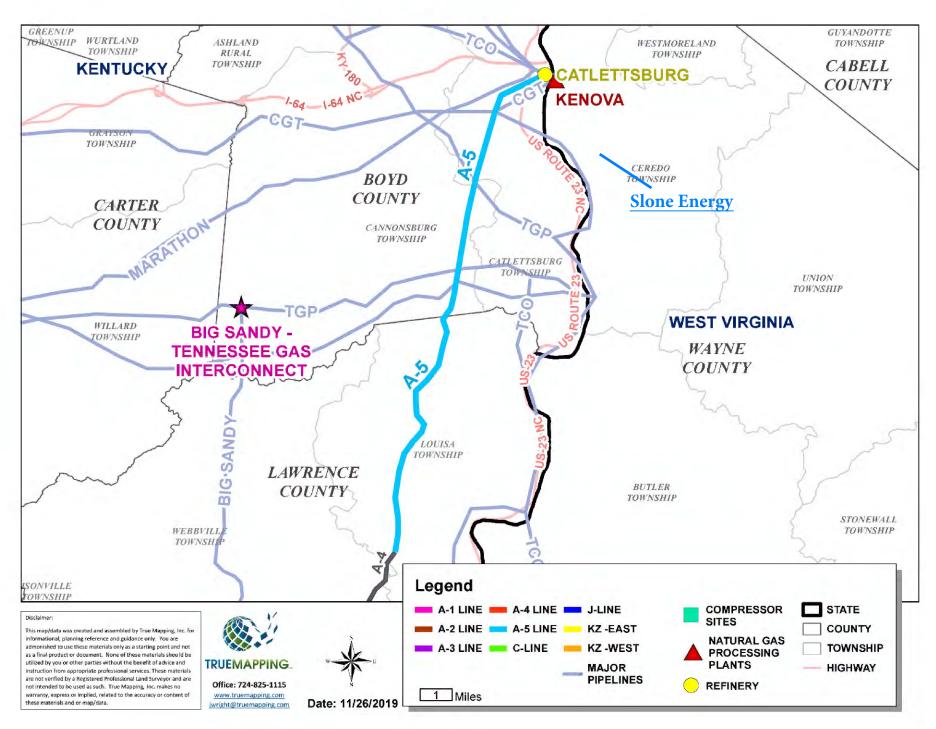


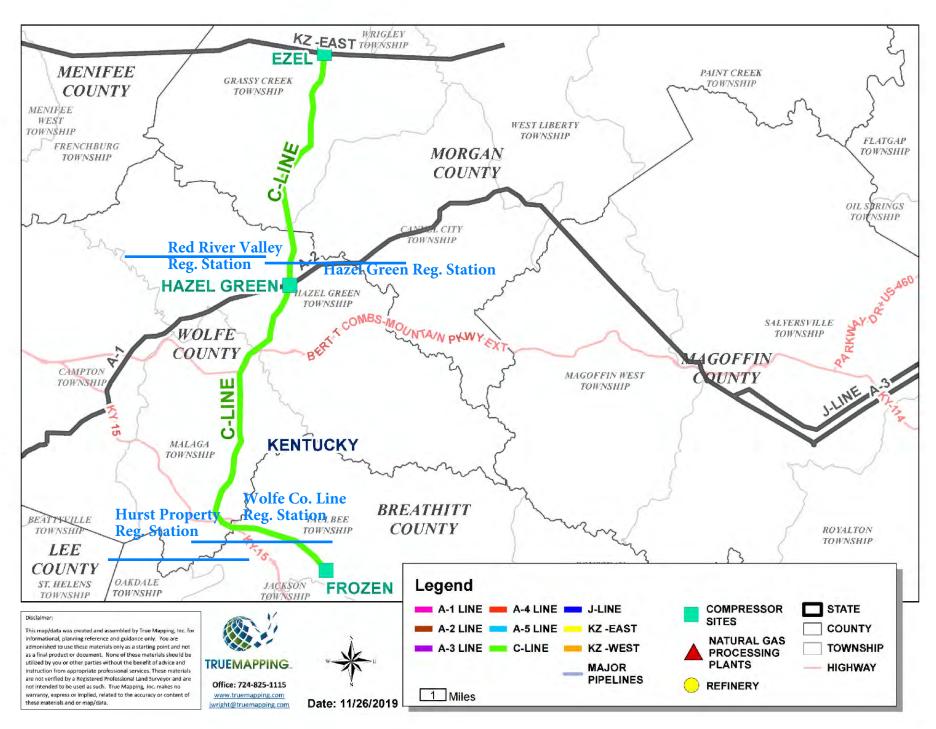


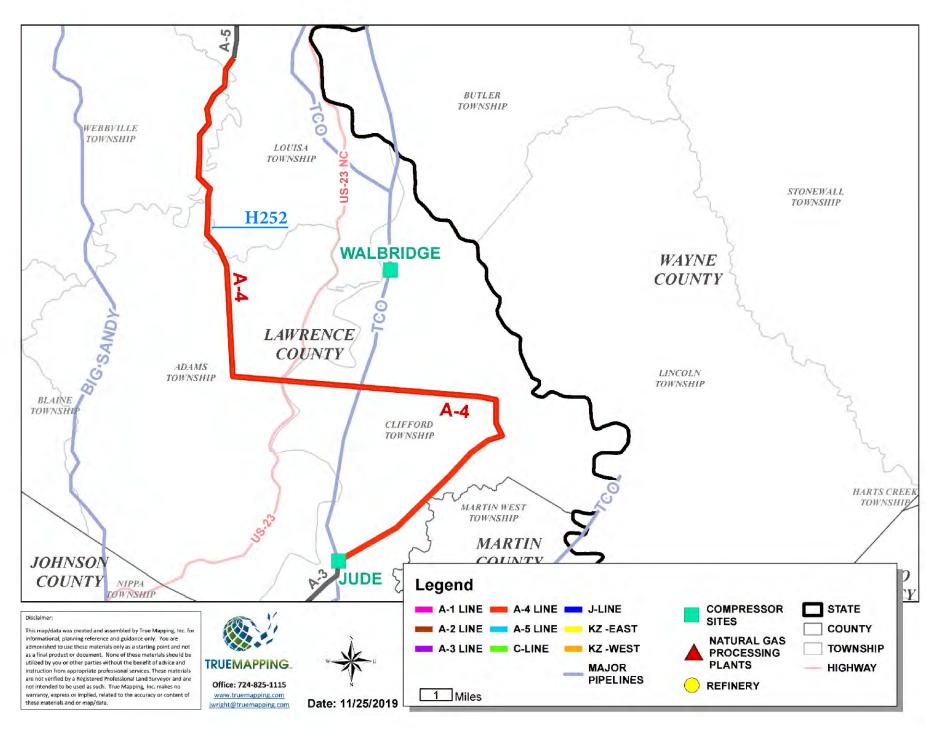








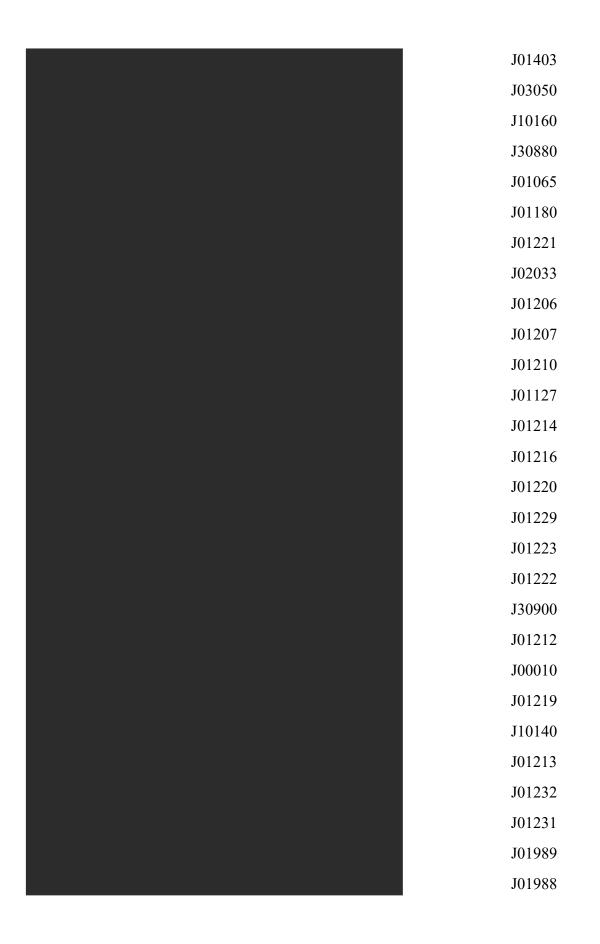




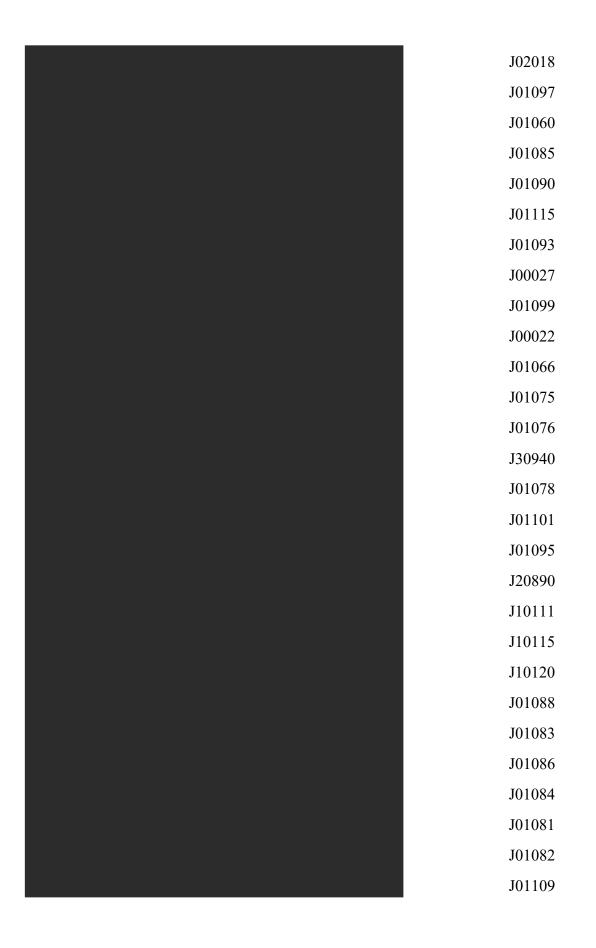
EKM Customers Listed by County

9/13/2022

Customer	Service Loc	ACCT#
BREATHITT COL	UNTY CUSTOMERS	
		J00011
		J00019
		J10002
		J10040
		J00012
		J00013
		J10004
		J10007
		J01405
		J01412
		J01413
		J01410
		J01416
		J01008
		J02084
		J03055
		J03010
		J01003
		J01004
		J02080
		J01392
		J01394
		J01385
		J01383
·		



	J01990
	J01197
	J01195
	J01196
	J01192a
	J01191
	J01185
	J01133
	J02060
	J01131
	J01132
	J10009
	J10011
	J01134
	J01135
	J01173
	J01174
	J00028
	J01144
	J01150
	J00024
	J00030
	J01025
	J01040
	J02015
	J00017
	J02030
	J02035



J01094
J01106
J01107
J01110
J01277
J01280
J01282
J01275

WOLFE COUNTY CUSTOMERS

WOLFE COUNTI COSTONIERS	
	J01305
	J01283
	Ј10015
	Ј10008
	Ј00004
	J01435
	Ј03070
	J00001
	J01415
	J01420
	J01430
	J01322
	J00060
	J01340
	J01345
	J01274
	J01276
	J01250

	J01255
	J90020
	J20201
	Ј90010
	J07010
	J07000
LAWRENCE COUNTY CUSTOMERS	
	J30851
	J30852
	J30853
	J30854
	J30861
	J30855
	J30856
	J30858
	J30859
	J10012
	J10013
	J10014
JOHNSON COUNTY CUSTOMERS	
	J10001
	J10000
	J01991
	J01995

MAGOFFIN COUNTY CUSTOMERS

J00015
J00014
J00038

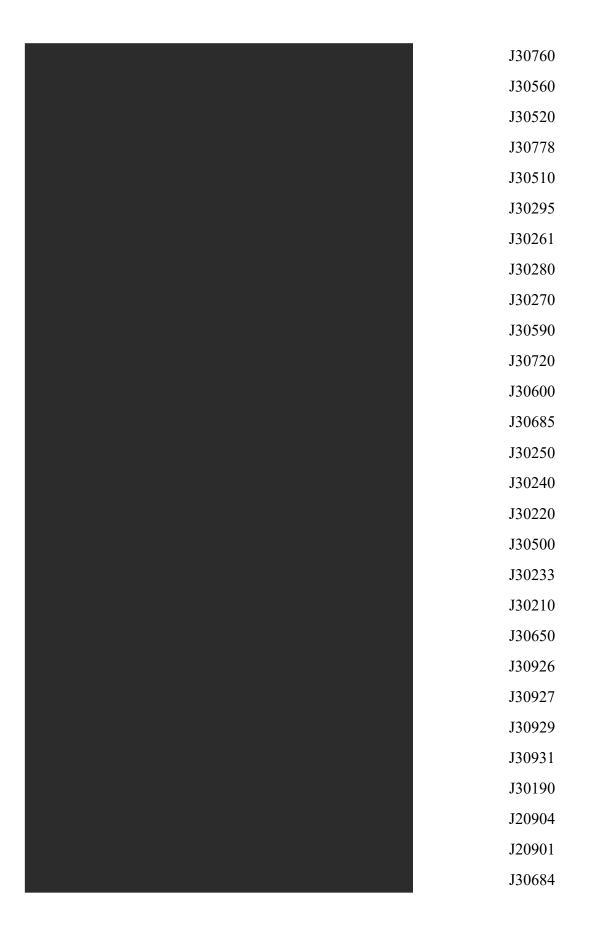
MORGAN COUNTY CUSTOMERS	
	J01361
	J01365
	J01371
	J01380
	J01381
	J01356
	J90000
	Ј90030
	J00002
	J10055
	J10058
	J10059
	J30585
	J30596
	J30933
	J30934
	J30170
	J30180
	J30545
	J30550
	J30820
	J30141

	J30917
	J30813
	J30811
	J30471
	J30150
	J30580
	J30630
	J30635
	J30680
	J30684

MENIFEE COUNTY CUSTOMERS

J30779
J30265
J30267
J30410
J30540
Ј30000
J30080
J30020
J30130
J30120
J30010
Ј30030
J30050
J30055
Ј30040
J30060





MONTGOMERY COUNTY CUSTOMERS

	J21185
	J20630
	J20080
	J30910
	J20480
	J20040
	J21190
	J20050
	J21231
	J20540
	J20640
	J20840
	J21080
	J20610
	J20453
	J20536
	J30860
	J30865
	J20112
	J20121

CLARK COUNTY CUSTOMERS

J20126
J20130
J20730
J30830

•
J20721
J20802
J20660
J21015
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J30790
J20790
J20770
J20165
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J20220
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J20921
J20695
J20696
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J20370
J20380
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J20905
1



J21174L J20705 J20650 J20940 J20561 J20430 J20435

J20530