



RECEIVED

MAY - 9 2013

PUBLIC SERVICE  
COMMISSION

330 Eastern Bypass, Suite Box 309, Richmond, KY 40475

TO: Kentucky Public Service Commission  
Attention: Executive Director  
211 Sower Blvd  
Frankfort, KY 40602

Case No. 2012-00361

The following documentation is being submitted by RussMar Logistics, LLC. on behalf of Tompkinsville Natural Gas System.

Documents Included:

1. Leakage Control Reports:

- a. March 1, 2013 (1ea)
- b. March 28, 2013 (1ea)
- c. April 1, 2013 (1ea)
- d. April 10, 2013 (1ea)
- e. April 25, 2013 (2ea)

2. Sniff Test and/or Odorator Test

- a. March 15, 2013 (4ea)
- b. March 22, 2013 (4ea)
- c. April 4, 2013 (4ea)
- d. April 12, 2013 (2ea)
- e. April 19, 2013 (4ea)
- f. April 25, 2013 (4ea)

3. Meter Test:

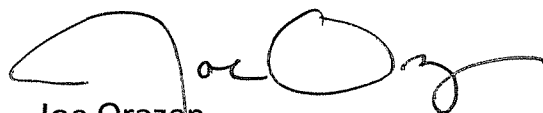
- a. March 20-21, 2013(10 pages)

4. Gas System Chart Clock:

- a. (5ea) Mar 21, Mar 28, Apr 11, Apr 18, Apr 25

\*A hard copy of the above mentioned documents were mailed to the Kentucky Public Service Commission, Attention Executive Director on May 8, 2013 by Joe Orazen on behalf of RussMar Logistics, LLC.

Sincerely,

A handwritten signature in black ink, appearing to read "Joe Orazen". The signature is fluid and cursive, with a large initial "J" and a distinct "O".

Joe Orazen  
606-305-6436



**LEAKAGE CONTROL REPORT  
FIELD SURVEY**

*Repair*

Date 3-1-13

Status (Circle Status) Pos. Neg.

Leak Indication Classification (Circle Leak Indication)  
1 2 3

TIME REPORTED \_\_\_\_\_

1 LEAK ONLY

Company \_\_\_\_\_ District \_\_\_\_\_

City Tompkinsville State Ky

Nearest Street Address

711 Sunset Avenue

**TYPE OF GAS**

Natural	<input checked="" type="checkbox"/>
Manuf.	<input type="checkbox"/>
L.P.	<input type="checkbox"/>
Other	<input type="checkbox"/>

**PIPE DESIGNATION**

Distribution	<input checked="" type="checkbox"/>
Transmission	<input type="checkbox"/>
Gathering	<input type="checkbox"/>
Other	<input type="checkbox"/>

**LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)**

Atmosphere	<input checked="" type="checkbox"/>
Bar Hole Test	<input checked="" type="checkbox"/>
Man Hole	<input type="checkbox"/>
Pit (Reg. or Meter)	<input type="checkbox"/>
Valve Box	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Meter Box	<input type="checkbox"/>
Underground Fuel Tank	<input type="checkbox"/>
Selected Test	<input type="checkbox"/>

**METHOD OF SURVEY**

Vegetation	<input type="checkbox"/>
Portable F I	<input checked="" type="checkbox"/>
Mobile F I	<input type="checkbox"/>
Bar Hole	<input checked="" type="checkbox"/>
Other	<input checked="" type="checkbox"/>

**PRESSURE**

High	<input type="checkbox"/>
Intermediate	<input checked="" type="checkbox"/>
Low	<input type="checkbox"/>

**LEAK INDICATION APPEARS TO BE AT:**

Main	<input checked="" type="checkbox"/>
Service	<input checked="" type="checkbox"/>
Service Tap	<input type="checkbox"/>
Main At Tie In	<input type="checkbox"/>
Drip	<input type="checkbox"/>
Meter	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Other	<input type="checkbox"/>

**CGI TEST**

Positive	<input checked="" type="checkbox"/>
Negative	<input type="checkbox"/>

**LEAK INDICATION (Vegetation Only)**

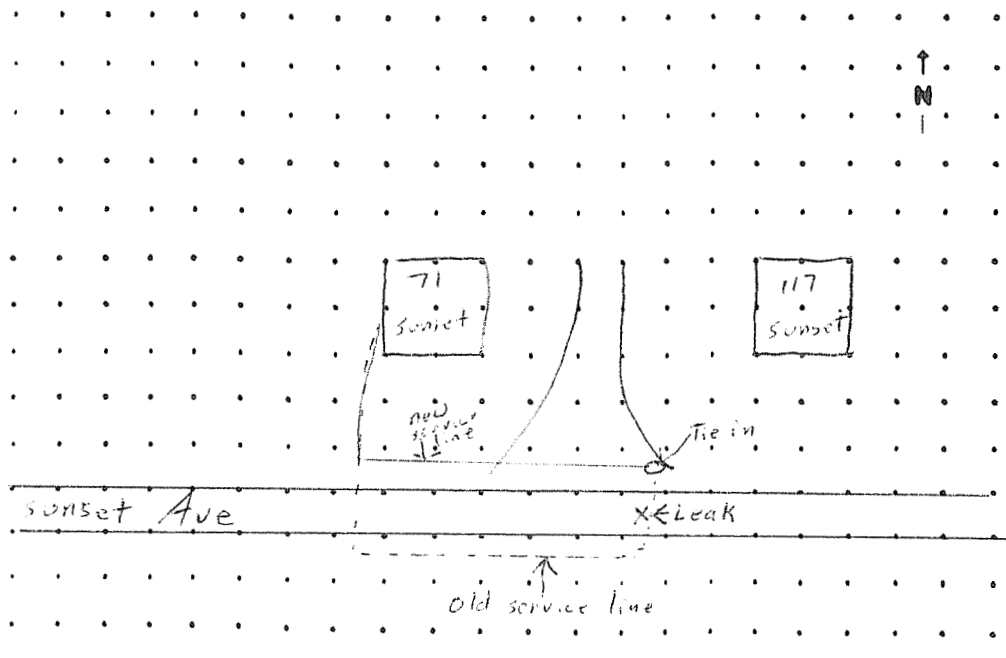
Trees	<input type="checkbox"/>
Shrubs	<input type="checkbox"/>
Grass	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Weeds	<input type="checkbox"/>
Odor	<input type="checkbox"/>
Other	<input type="checkbox"/>

**LOCATION OF PIPE**

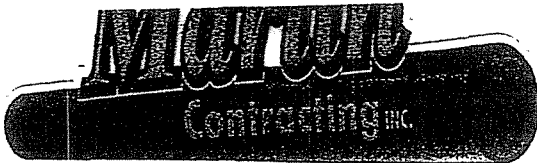
Street	<input type="checkbox"/>
Between St. & Sidewalk	<input type="checkbox"/>
Under Sidewalk	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Essement	<input checked="" type="checkbox"/>
R.O.W.	<input type="checkbox"/>
Other	<input type="checkbox"/>

**COVER**

Concrete	<input type="checkbox"/>
Asphalt	<input checked="" type="checkbox"/>
Brick	<input type="checkbox"/>
Gravel	<input type="checkbox"/>
Soil	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>



Remarks After digging, we found a copper line under the road that was being used for gas leaking. We killed the service & ran a new plastic service to the home, eliminating the line under the road & any other possible leaks.



**LEAKAGE CONTROL REPORT  
FIELD SURVEY**

Page No. \_\_\_\_\_

Date 3-28-13

Status (Circle Status) Pos. Neg.

Leak Indication Classification (Circle Leak Indication)

1 2 ③

TIME REPORTED \_\_\_\_\_

1 LEAK ONLY

Company \_\_\_\_\_ District \_\_\_\_\_

City Tompkinsville State Ky

Nearest Street Address \_\_\_\_\_

Initiation is indication of 2" steel pipe service st.

TYPE OF GAS	
Natural	<input checked="" type="checkbox"/>
Manuf.	<input type="checkbox"/>
L.P.	<input type="checkbox"/>
Other	<input type="checkbox"/>

PIPE DESIGNATION	
Distribution	<input checked="" type="checkbox"/>
Transmission	<input type="checkbox"/>
Gathering	<input type="checkbox"/>
Other	<input type="checkbox"/>

LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)		
Atmosphere	<input type="checkbox"/>	<input type="checkbox"/>
Bar Hole Test	<input type="checkbox"/>	<input type="checkbox"/>
Man Hole	<input type="checkbox"/>	<input type="checkbox"/>
Pit (Reg. or Meter)	<input type="checkbox"/>	<input type="checkbox"/>
Valve Box	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>	<input type="checkbox"/>
Meter Box	<input type="checkbox"/>	<input type="checkbox"/>
Underground Fuel Tank	<input type="checkbox"/>	<input type="checkbox"/>
Selected Test	<input type="checkbox"/>	<input type="checkbox"/>

METHOD OF SURVEY	
Vegetation	<input type="checkbox"/>
Portable F I	<input checked="" type="checkbox"/>
Mobile F I	<input type="checkbox"/>
Bar Hole	<input type="checkbox"/>
Other	<input type="checkbox"/>

PRESSURE	
High	<input type="checkbox"/>
Intermediate	<input checked="" type="checkbox"/>
Low	<input type="checkbox"/>

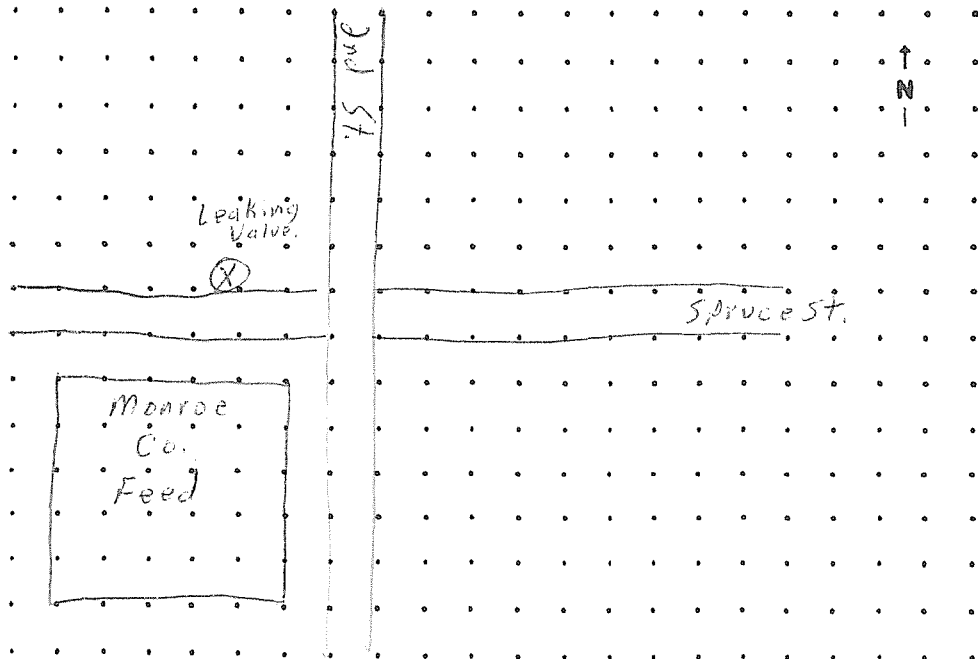
LEAK INDICATION APPEARS TO BE AT:	
Main	<input type="checkbox"/>
Service	<input type="checkbox"/>
Service Tap	<input type="checkbox"/>
Main At Tie In	<input type="checkbox"/>
Drip	<input type="checkbox"/>
Meter	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Main Valve	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

CGI TEST	
Positive	<input type="checkbox"/>
Negative	<input type="checkbox"/>

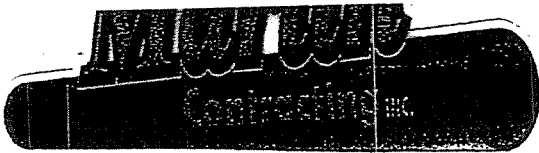
LEAK INDICATION (Vegetation Only)	
Trees	<input type="checkbox"/>
Shrubs	<input type="checkbox"/>
Grass	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Weeds	<input type="checkbox"/>
Odor	<input type="checkbox"/>
Other	<input type="checkbox"/>

LOCATION OF PIPE	
Street	<input type="checkbox"/>
Between St. & Sidewalk	<input type="checkbox"/>
Under Sidewalk	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Easement	<input type="checkbox"/>
R.O.W.	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>

COVER	
Concrete	<input type="checkbox"/>
Asphalt	<input type="checkbox"/>
Brick	<input type="checkbox"/>
Gravel	<input checked="" type="checkbox"/>
Soil	<input type="checkbox"/>
Other	<input type="checkbox"/>



Remarks We detected a leak on a 2" steel main line valve. We dug it out & welded on 2 short stops. We stopped off the line & welded a new valve in place of the old one. We backfilled & dressed the area. Fixed- 3-28-13



**LEAKAGE CONTROL REPORT  
FIELD SURVEY**

Date 4-1-13

Status (Circle Status) Pos. Neg.

Leak Indication Classification (Circle Leak Indication)

1 2 3

TIME REPORTED 12:30 PM

1 LEAK ONLY

Company \_\_\_\_\_ District \_\_\_\_\_

City Tompkinsville State Ky

Nearest Street Address

2,3,0,5, siting on the town rd

**TYPE OF GAS**

Natural	<input checked="" type="checkbox"/>
Manuf.	<input type="checkbox"/>
L.P.	<input type="checkbox"/>
Other	<input type="checkbox"/>

**PIPE DESIGNATION**

Distribution	<input checked="" type="checkbox"/>
Transmission	<input type="checkbox"/>
Gathering	<input type="checkbox"/>
Other	<input type="checkbox"/>

**LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)**

Atmosphere	<input checked="" type="checkbox"/>
Ear Hole Test	<input type="checkbox"/>
Man Hole	<input type="checkbox"/>
Pit (Reg. or Meter)	<input type="checkbox"/>
Valve Box	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Meter Box	<input type="checkbox"/>
Underground Fuel Tank	<input type="checkbox"/>
Selected Test	<input type="checkbox"/>

**METHOD OF SURVEY**

Vegetation	<input type="checkbox"/>
Portable F I	<input type="checkbox"/>
Mobile F I	<input type="checkbox"/>
Bar Hole	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>

**PRESSURE**

High	<input type="checkbox"/>
Intermediate	<input checked="" type="checkbox"/>
Low	<input type="checkbox"/>

**LEAK INDICATION APPEARS TO BE AT:**

Main	<input type="checkbox"/>
Service	<input type="checkbox"/>
Service Tap	<input type="checkbox"/>
Main At Tie In	<input type="checkbox"/>
Drip	<input type="checkbox"/>
Blower	<input checked="" type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Other	<input type="checkbox"/>

**CGI TEST**

Positive	<input type="checkbox"/>
Negative	<input type="checkbox"/>

**LEAK INDICATION (Vegetation Only)**

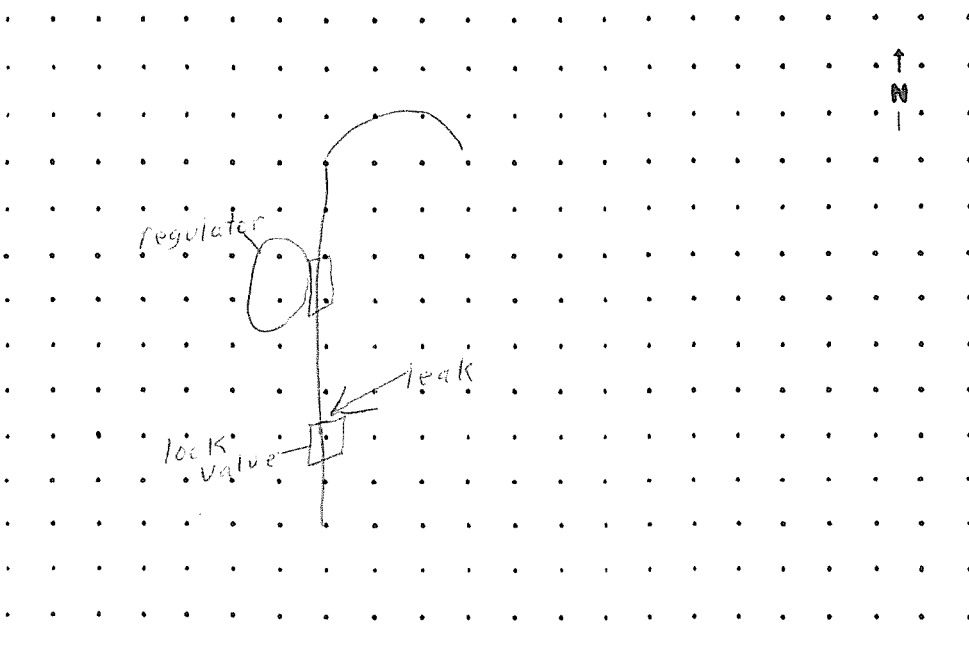
Trees	<input type="checkbox"/>
Shrubs	<input type="checkbox"/>
Grass	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Weeds	<input type="checkbox"/>
Odor	<input type="checkbox"/>
Other	<input type="checkbox"/>

**LOCATION OF PIPE**

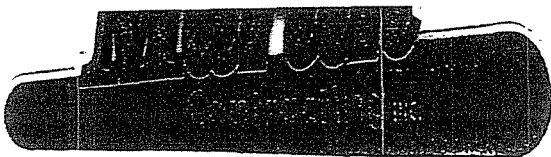
Street	<input type="checkbox"/>
Between St. & Sidewalk	<input type="checkbox"/>
Under Sidewalk	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Essement	<input type="checkbox"/>
R.O.W.	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>

**COVER**

Concrete	<input type="checkbox"/>
Asphalt	<input type="checkbox"/>
Brick	<input type="checkbox"/>
Gravel	<input type="checkbox"/>
Soil	<input type="checkbox"/>
Other	<input type="checkbox"/>



Remarks The lock valve on this service was leaking.  
We broke down the service, redoped the fitting,  
& rebuilt it. We then tested for leaks &  
relit the customer.



Date 4-16-13 (175)  
 Status (Circle Status) Pos. Neg.  
 Leak Indication Classification (Circle Leak Indication)  
 ① 2 3  
 TIME REPORTED \_\_\_\_\_  
 1 LEAK ONLY

**LEAKAGE CONTROL REPORT  
 FIELD SURVEY**

Company \_\_\_\_\_ District \_\_\_\_\_  
 City Tompkinsville State Ky  
 Nearest Street Address \_\_\_\_\_

Initiation location of Hwy 24, 5, 2 + Hwy 63

**TYPE OF GAS**

Natural	
Manuf.	
L.P.	
Other	

**LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)**

Atmosphere	
Bar Hole Test	
Man Hole	
Pit (Reg. or Meter)	
Valve Box	
Main Valve	
Curb Valve	
Meter Box	
Underground Fuel Tank	
Selected Test	

**METHOD OF SURVEY**

Vegetation	
Portable FI	
Mobile FI	
Bar Hole	
Other	

**LEAK INDICATION APPEARS TO BE AT:**

Main	
Service	
Service Tap	
Main At Tie In	
Drp	
Other	
Curb Valve	
Main Valve	
Other	

**PIPE DESIGNATION**

Distribution	
Transmission	
Gathering	
Other	

**PRESSURE**

High	
Intermediate	
Low	

**CGI TEST**

Positive	
Negative	



**LEAK INDICATION (Vegetation Only)**

Trees	
Shrubs	
Grass	
Lawn	
Woods	
Odor	
Other	

**LOCATION OF PIPE**

Street	
Between St. & Sidewalk	
Under Sidewalk	
Lawn	
Essment	
R.O.W.	
Other	

**Remarks**  
 Leak found on a compression fitting where repairs had already been made sometime in the past. The line was washed out, so we killed the service & lowered the line. We added appx 5' more line to it so we could lower it more. We then sleeved the service twice, once with 2" & once with 4" PVC. We then placed concrete over the sleeve to prevent the problem from reoccurring.

**COVER**

Concrete	
Asphalt	
Brick	
Gravel	
Soil	
Other	



Use 4 25 13

Status (Circle Status) Pos. Neg.  
Leak Indication Classification (Circle Leak Indication)  
1 2 3

**LEAKAGE CONTROL REPORT  
FIELD SURVEY**

TIME REPORTED \_\_\_\_\_  
1 LEAK ONLY

Company Martin Contracting District 2" steel valve installation  
City Tompkinsville State Ky  
Nearest Street Address \_\_\_\_\_

Green Hills Housing Authority

TYPE OF GAS	
Natural	
Manuf.	
L.P.	
Other	

LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)	
Atmosphere	
Bar Hole Test	
Man Hole	
Pit (Reg. or Meter)	
Valve Box	
Main Valve	
Curb Valve	
Meter Box	
Underground Fuel Tank	
Selected Test	

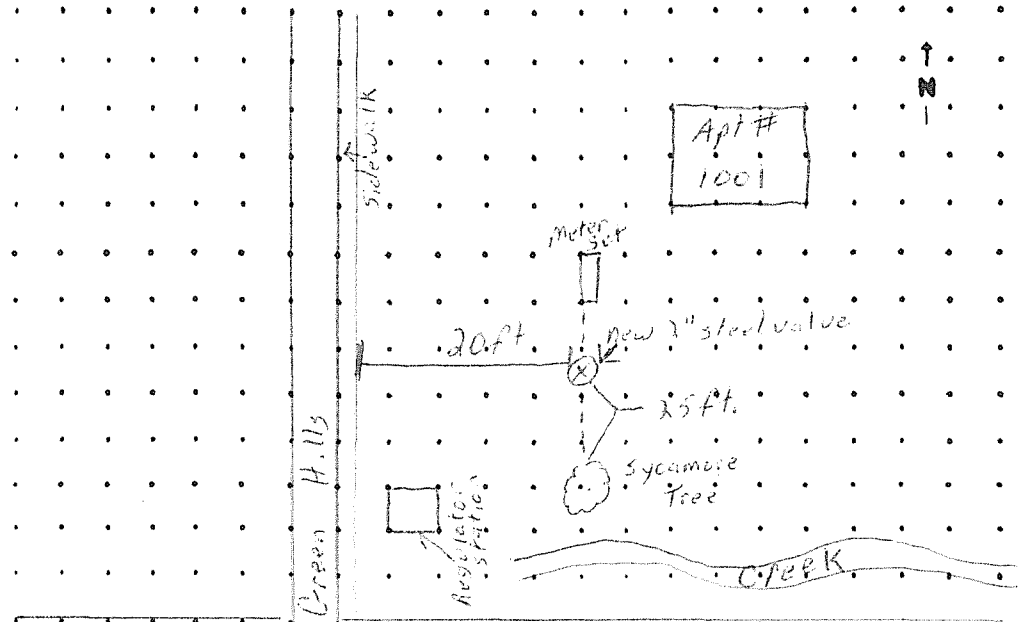
METHOD OF SURVEY	
Vegetation	
Portable F I	
Mobile F I	
Bar Hole	
Other	

LEAK INDICATION APPEARS TO BE AT:	
Main	
Service	
Service Tap	
Main At Tie In	
Drip	
Meter	
Curb Valve	
Main Valve	
Other	

PIPE DESIGNATION	
Distribution	
Transmission	
Gathering	
Other	

PRESSURE	
High	
Intermediate	
Low	

CGI TEST	
Positive	
Negative	



LEAK INDICATION (Vegetation Only)	
Trees	
Shrubs	
Grass	
Lawn	
Woods	
Odor	
Other	

LOCATION OF PIPE	
Street	
Between St. & Sidewalk	
Under Sidewalk	
Lawn	
Essement	
R.O.W.	
Other	

Remarks Installed new 2" steel valve in the ground to be able to shut down gas flow to the meter set that controls Green Hills Housing Authority.

COVER	
Concrete	
Asphalt	
Brick	
Gravel	
Soil	
Other	

# LEAKAGE CONTROL REPORT FIELD SURVEY

Date 4-25-13  
 Status (Circle Status) Pos. Neg.  
 Leak Indication Classification (Circle Leak Indication)  
 1 2 3  
 TIME REPORTED \_\_\_\_\_  
 1 LEAK ONLY

Company \_\_\_\_\_ District \_\_\_\_\_  
 City Tompkinsville State Ky  
 Nearest Street Address \_\_\_\_\_

1109 Columbia Ave

TYPE OF GAS	
Natural	
Manuf.	
L.P.	
Other	

PIPE DESIGNATION	
Distribution	
Transmission	
Gathering	
Other	

LEAK INDICATION FIRST DETECTED (AT) (M) (BY)	
Atmosphere	
Bar Hole Test	
Man Hole	
Pit (Reg. or Meter)	
Valve Box	
Main Valve	
Curb Valve	
Master Box	
Underground Fuel Tank	
Selected Test	

METHOD OF SURVEY	
Vegetation	
Portable F I	
Mobile F I	
Bar Hole	
Other	

PRESSURE	
High	
Intermediate	
Low	

LEAK INDICATION APPEARS TO BE AT:	
Main	
Service	
Service Tap	
Main At Tie In	
Drip	
Filter	
Curb Valve	
Main Valve	
Other	

CGI TEST	
Positive	
Negative	

LEAK INDICATION (Vegetation Only)	
Trees	
Shrubs	
Grass	
Lawn	
Woods	
Odor	
Other	

LOCATION OF PIPE	
Street	
Between St. & Sidewalk	
Under Sidewalk	
Lawn	
Essepoint	
R.O.W.	
Other	

COVER	
Concrete	
Asphalt	
Brick	
Gravel	
Soil	
Other	



Remarks The leak here was on a 3" steel line. There was a small pit hole in the pipe. The welder was able to clean the area & patch the hole. The line was inspected for any further damage & backfilled.



2371 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER



(TEL) 659-623-0112  
(CELL) 606-305-6404  
(FAX) 659-623-0320  
SHMARTIN@BELLSOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: Martin Contracting

DATE: 3-15-13

LOCATION: 703 4th St. Blvd

Odor Level and/or Odorator Reading:

_____	Threshold (1 <sup>st</sup> Detectable)
_____	Nil
<u>.46</u>	Barely Detectable
_____	Readily Detectable
<u>.50</u>	Strong

List other odors present: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Jason Warner

2371 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER



(TEL) 859-623-0112  
(CELL) 606-305-6434  
(FAX) 859-623-0920  
SHMARTIN1@BELLSOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: Martin Contracting

DATE: 3-15-13

LOCATION: N. Main Bluegrass Cellular

Odor Level and/or Odorator Reading:

_____	Threshold (1 <sup>st</sup> Detectable)
_____	Nil
<u>.34</u>	Barely Detectable
_____	Readily Detectable
<u>.45</u>	Strong

List other odors present: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Jason Warner

2371 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER



(TEL) 859-623-0112  
(CELL) 606-308-6404  
(FAX) 859-623-0820  
SHMARTIN1@BELLEBOOTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: Martin Contracting

DATE: 3-15-13

LOCATION: 1346 Hwy 100

Odor Level and/or Odorator Reading:

_____	Threshold (1 <sup>st</sup> Detectable)
_____	Nil
<u>.61</u>	Barely Detectable
_____	Readily Detectable
<u>.88</u>	Strong

List other odors present: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Jason Wana

2371 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER



(TEL) 659-623-0112  
(CELL) 605-305-8404  
(FAX) 659-623-0820  
SHMARTIN1@BELLSOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: Martin Contracting

DATE: 3-15-13

LOCATION: 1007 Sherry Dr

Odor Level and/or Odorator Reading:

_____	Threshold (1 <sup>st</sup> Detectable)
_____	Nil
<u>. 38</u>	Barely Detectable
_____	Readily Detectable
<u>. 51</u>	Strong

List other odors present: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Jason Warner

2371 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER



(TEL) 859-623-0112  
(CELL) 606-305-6404  
(FAX) 859-623-0322  
SHMARTIN1@BELLEBOOTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: MARTIN CONTRACTING

DATE: 3-22-13

LOCATION: 705 FOURTH STREET BLVD.

Odor Level and/or Odorator Reading:

- \_\_\_\_\_ Threshold (1<sup>st</sup> Detectable)
- \_\_\_\_\_ Nil
- .44 \_\_\_\_\_ Barely Detectable
- \_\_\_\_\_ Readily Detectable
- .68 \_\_\_\_\_ Strong

List other odors present: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Carey Choy

2371 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER



(TEL) 859-623-0112  
(CELL) 606-305-6404  
(FAX) 859-623-0322  
SHMARTIN1@BELLSOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: MARTIN CONTRACTING

DATE: 3-22-13

LOCATION: BLUEGRASS CELLULAR EXECUTIVE DRIVE

Odor Level and/or Odorator Reading:

_____	Threshold (1 <sup>st</sup> Detectable)
_____	Nil
<u>.41</u>	Barely Detectable
_____	Readily Detectable
<u>.65</u>	Strong

List other odors present: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Corey Cleef

237 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER

**Martin**  
Contracting Inc.

(TEL) 859-623-0112  
(CELL) 606-305-8404  
(FAX) 859-623-0880  
SHMARTIN1@BELLEOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: MARTIN CONTRACTING

DATE: 3-22-13

LOCATION: MILL CREEK ROAD HOUSE 345

Odor Level and/or Odorator Reading:

_____	Threshold (1 <sup>st</sup> Detectable)
_____	Nil
<u>.34</u>	Barely Detectable
_____	Readily Detectable
<u>.56</u>	Strong

List other odors present: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Casey Chief

2371 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER



(TEL) 859-623-0112  
(CELL) 606-303-6404  
(FAX) 859-623-0320  
SMARTINI@BELLEOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: Martin Contracting

DATE: 3-22-13

LOCATION: SHERRY DRIVE 1007

Odor Level and/or Odorator Reading:

\_\_\_\_\_ Threshold (1<sup>st</sup> Detectable)

\_\_\_\_\_ Nil

39 \_\_\_\_\_ Barely Detectable

\_\_\_\_\_ Readily Detectable

57 \_\_\_\_\_ Strong

List other odors present: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Corey Chief



2371 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER



(TEL) 859-623-0112  
(CELL) 606-305-6434  
(FAX) 859-623-0822  
SHMARTIN@BELLEOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: Martin Contracting

DATE: 4-4-13

LOCATION: 379 Mill Creek Rd.

Odor Level and/or Odorator Reading:

_____	Threshold (1 <sup>st</sup> Detectable)
_____	Nil
<u>.54</u>	Barely Detectable
_____	Readily Detectable
<u>.71</u>	Strong

List other odors present: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Jason Warner

2371 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER



(TEL) 859-623-0112  
(CELL) 606-305-6434  
(FAX) 859-626-0822

SHMARTIN1@BELLSOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: Martin Contracting

DATE: 4-4-13

LOCATION: 1007 SHERRY DRIVE

Odor Level and/or Odorator Reading:

\_\_\_\_\_ Threshold (1<sup>st</sup> Detectable)

\_\_\_\_\_ Nil

.59 \_\_\_\_\_ Barely Detectable

\_\_\_\_\_ Readily Detectable

.78 \_\_\_\_\_ Strong

List other odors present: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Jason Warner

2371 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER



(TEL) 659-623-0112  
(CELL) 606-305-6404  
(FAX) 659-623-0320  
SHMARTIN@BELLSOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: Martin Contracting

DATE: 4-4-13

LOCATION: 705 4th St. Blvd.

Odor Level and/or Odorator Reading:

_____	Threshold (1 <sup>st</sup> Detectable)
_____	Nil
<u>.50</u>	Barely Detectable
_____	Readily Detectable
<u>.67</u>	Strong

List other odors present: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Jason Warner

2371 IRVING RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER

**Martin**  
Contracting Inc.

(TEL) 659-623-0112  
(CELL) 606-305-6404  
(FAX) 659-625-0820  
SHMARTIN1@BELLSOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: Martin Contracting

DATE: 4-4-13

LOCATION: BLUE BRASS CELL

Odor Level and/or Odorator Reading:

_____	Threshold (1 <sup>st</sup> Detectable)
_____	Nil
<u>.57</u>	Barely Detectable
_____	Readily Detectable
<u>.74</u>	Strong

List other odors present: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Jason Warner

2371 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER



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[FAX] 859-626-0822  
SMARTINI@BELLSOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: Martin Contracting

DATE: 4-12-13

LOCATION: 1237 Old Glasgow Rd

Odor Level and/or Odorator Reading:

_____	Threshold (1 <sup>st</sup> Detectable)
_____	Nil
<u>174</u>	Barely Detectable
_____	Readily Detectable
<u>183</u>	Strong

List other odors present: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Casey Chelf  
Jason Warner

2371 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER

**Martin**  
Contracting Inc.

(TEL) 859-623-0112  
(CELL) 606-305-6434  
(FAX) 859-626-0822  
SHMARTIN@BELLSOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: Martin Contracting

DATE: 4-11-13

LOCATION: 1346 Hwy 100

Odor Level and/or Odorator Reading:

_____	Threshold (1 <sup>st</sup> Detectable)
_____	Nil
<u>158</u>	Barely Detectable
_____	Readily Detectable
<u>172</u>	Strong

List other odors present: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Casey Chelf  
Jason Warner

2371 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER



(TEL) 859-623-0112  
(CELL) 606-303-6434  
(FAX) 859-626-0822  
SHMARTIN1@BELLSOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: MCI

DATE: 4-19-13

LOCATION: 1009 Sherry Dr

Odor Level and/or Odorator Reading:

- \_\_\_\_\_ Threshold (1<sup>st</sup> Detectable)
- \_\_\_\_\_ Nil
- 58 \_\_\_\_\_ Barely Detectable
- 61 \_\_\_\_\_ Readily Detectable
- \_\_\_\_\_ Strong

List other odors present: \_\_\_\_\_

\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Jason Warner

2371 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER



(TEL) 859-623-0112  
(CELL) 606-305-6434  
(FAX) 859-625-0822  
SHMARTIN1@BELLSOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: MCI

DATE: 4-19-13

LOCATION: 345 mill creek Rd

Odor Level and/or Odorator Reading:

_____	Threshold (1 <sup>st</sup> Detectable)
_____	Nil
<u>.67</u>	Barely Detectable
_____	Readily Detectable
<u>.71</u>	Strong

List other odors present: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Jason Wane



3371 IRVINE RD.  
RICHMOND, KY 40475

SHAWN MARTIN  
OWNER

**Martin**  
Contracting Inc.

[TEL] 859-623-0112  
[CELL] 606-305-6434  
[FAX] 859-626-0822

SHMARTIN@BELLSOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: MCI

DATE: 4-19-13

LOCATION: Bluegrass Cellular W. Main

Odor Level and/or Odorator Reading:

_____	Threshold (1 <sup>st</sup> Detectable)
_____	Nil
<u>154</u>	Barely Detectable
_____	Readily Detectable
<u>163</u>	Strong

List other odors present: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Jason Wanner

2271 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER



[TEL] 859-623-0112  
[CELL] 606-305-6434  
[FAX] 859-626-0822

SHMARTIN1@BELLSOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: MCI

DATE: 7-19-13

LOCATION: 705 4th street Blvd

Odor Level and/or Odorator Reading:

- \_\_\_\_\_ Threshold (1<sup>st</sup> Detectable)
- \_\_\_\_\_ Nil
- .67 \_\_\_\_\_ Barely Detectable
- \_\_\_\_\_ Readily Detectable
- .71 \_\_\_\_\_ Strong

List other odors present: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Jason Wann

2371 IRVING RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER



(TEL) 859-623-0112  
(CELL) 606-305-6434  
(FAX) 859-626-0822  
SHMARTIN@BELLSOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: Martin Contracting

DATE: 4-25-13

LOCATION: 705 4th St.

Odor Level and/or Odorator Reading:

- \_\_\_\_\_ Threshold (1<sup>st</sup> Detectable)
- \_\_\_\_\_ Nil
- .66 \_\_\_\_\_ Barely Detectable
- \_\_\_\_\_ Readily Detectable
- .71 \_\_\_\_\_ Strong

List other odors present: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Jason Warner

2371 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER



(TEL) 859-623-0112  
(CELL) 606-305-6434  
(FAX) 859-626-0822  
SHMARTINI@BELLSOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: Martin Contracting

DATE: 4-25-13

LOCATION: 1007 Sherry Dr.

Odor Level and/or Odorator Reading:

- \_\_\_\_\_ Threshold (1<sup>st</sup> Detectable)
- \_\_\_\_\_ Nil
- .68 \_\_\_\_\_ Barely Detectable
- \_\_\_\_\_ Readily Detectable
- .75 \_\_\_\_\_ Strong

List other odors present: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Jason Warner

2371 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER



(TEL) 859-623-0112  
(CELL) 606-305-6434  
(FAX) 859-623-0822  
SHMARTIN1@BELLSOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: Martin Contracting

DATE: 4-25-13

LOCATION: 345 Mill Creek Rd

Odor Level and/or Odorator Reading:

_____	Threshold (1 <sup>st</sup> Detectable)
_____	Nil
<u>.71</u>	Barely Detectable
_____	Readily Detectable
<u>.80</u>	Strong

List other odors present: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Jason Wana

2371 IRVINE RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER

**Martin**  
Contracting Inc.

(TEL) 859-623-0112  
(CELL) 606-205-6434  
(FAX) 859-626-0222  
SHMARTIN@BELLSOUTH.NET

SNIFF TEST and/or ODERATOR TEST

COMPANY: Martin Contracting

DATE: 4-25-13

LOCATION: Bluegrass Cellular N. Main

Odor Level and/or Odorator Reading:

- \_\_\_\_\_ Threshold (1<sup>st</sup> Detectable)
- \_\_\_\_\_ Nil
- 1.75 \_\_\_\_\_ Barely Detectable
- \_\_\_\_\_ Readily Detectable
- 1.43 \_\_\_\_\_ Strong

List other odors present: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks (Oderator Reading): \_\_\_\_\_

Observed By Jason Wama

# Meter TEST

3-22-13

1. Meter is used to measure  
the amount of work done  
by a system.

2. Meter is used to measure  
the amount of work done  
by a system.

3. Meter is used to measure  
the amount of work done  
by a system.

4. Meter is used to measure  
the amount of work done  
by a system.

5. Meter is used to measure  
the amount of work done  
by a system.

6. Meter is used to measure  
the amount of work done  
by a system.

7. Meter is used to measure  
the amount of work done  
by a system.

8. Meter is used to measure  
the amount of work done  
by a system.

9. Meter is used to measure  
the amount of work done  
by a system.

10. Meter is used to measure  
the amount of work done  
by a system.

11. Meter is used to measure  
the amount of work done  
by a system.

12. Meter is used to measure  
the amount of work done  
by a system.

13. Meter is used to measure  
the amount of work done  
by a system.

14. Meter is used to measure  
the amount of work done  
by a system.

15. Meter is used to measure  
the amount of work done  
by a system.

16. Meter is used to measure  
the amount of work done  
by a system.

17. Meter is used to measure  
the amount of work done  
by a system.

18. Meter is used to measure  
the amount of work done  
by a system.











UNIT 8: THE HISTORY OF THE UNITED STATES  
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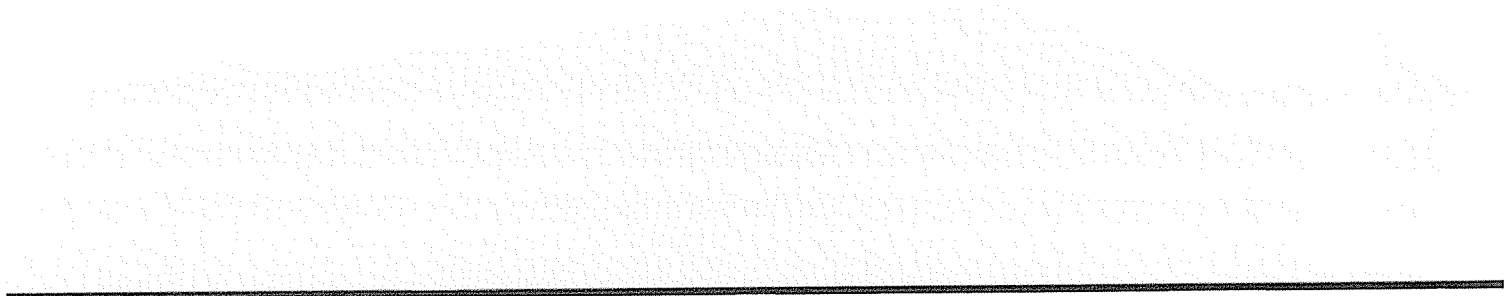


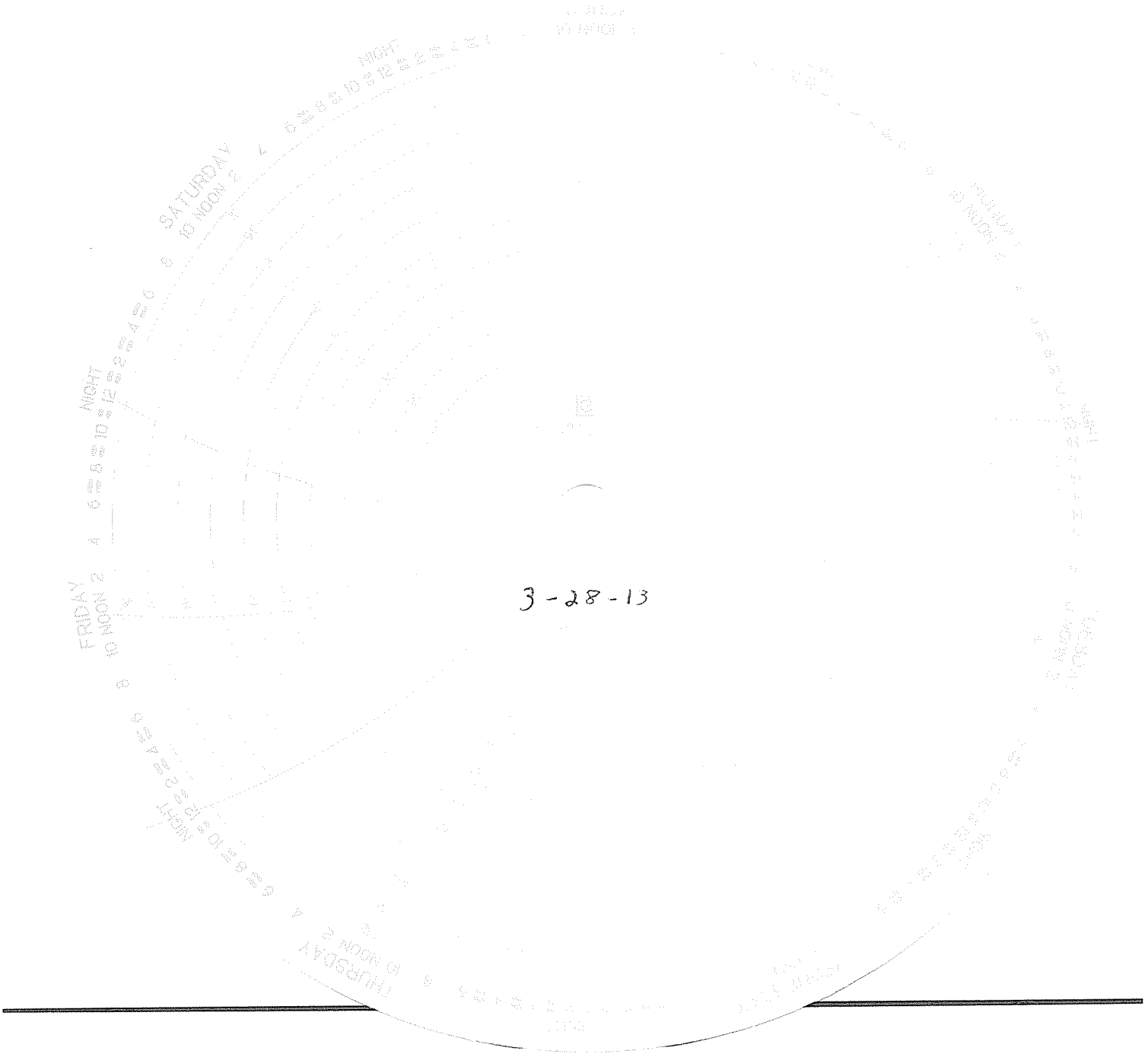




City of Tompkinsville  
Main line chart  
Office clock

1

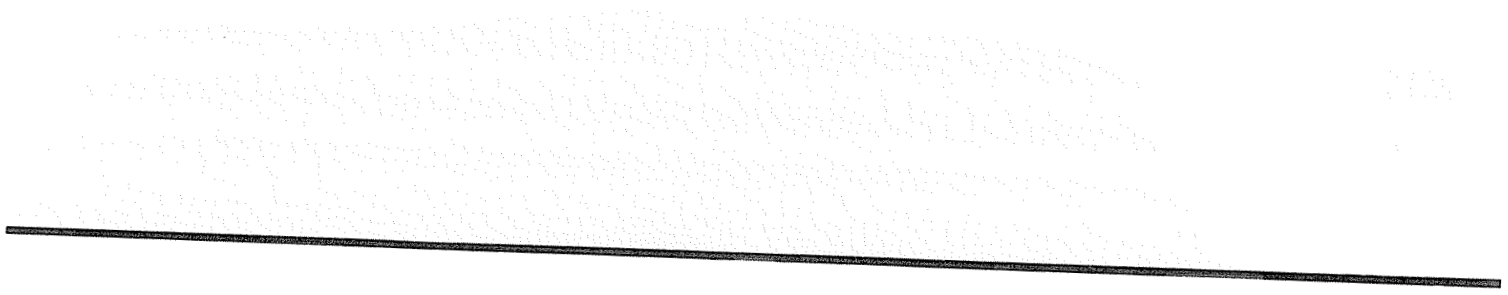


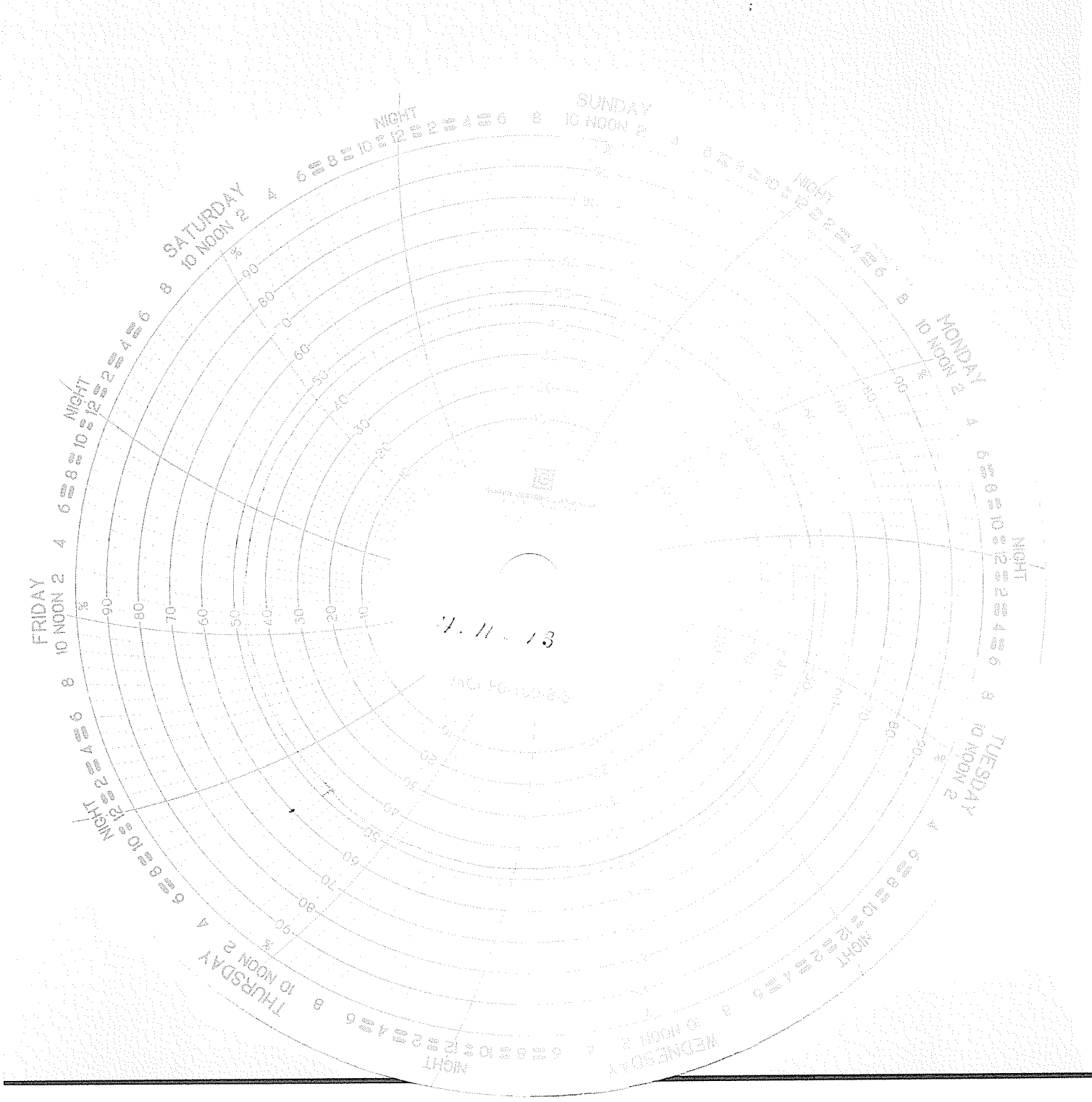


City of Tompkinsville  
office chart clock  
4-4-13

1

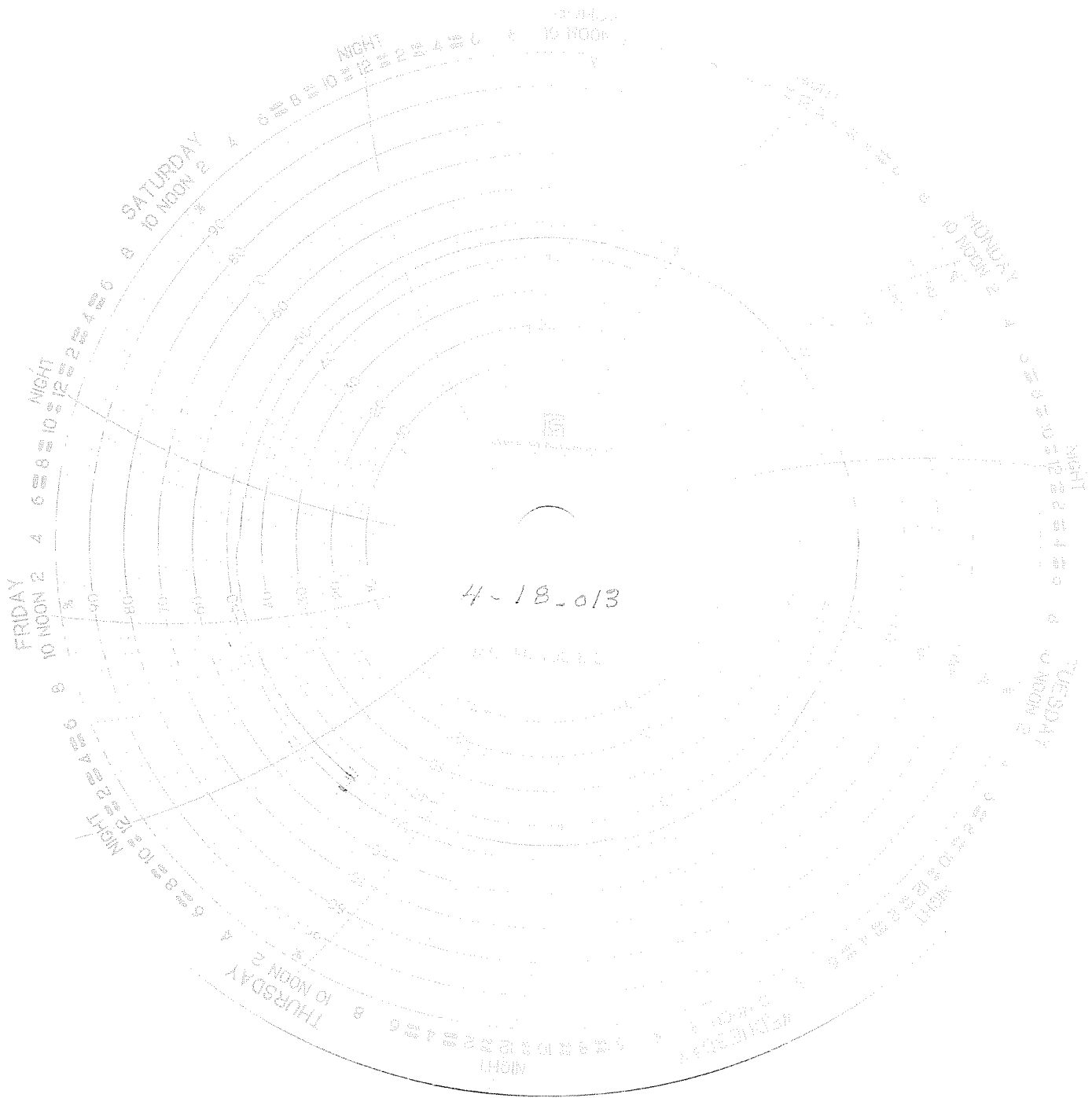
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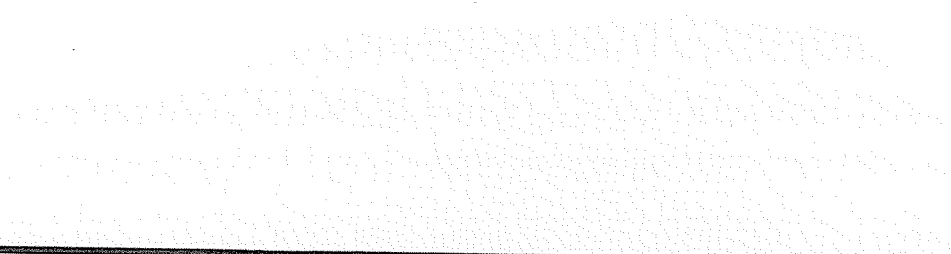
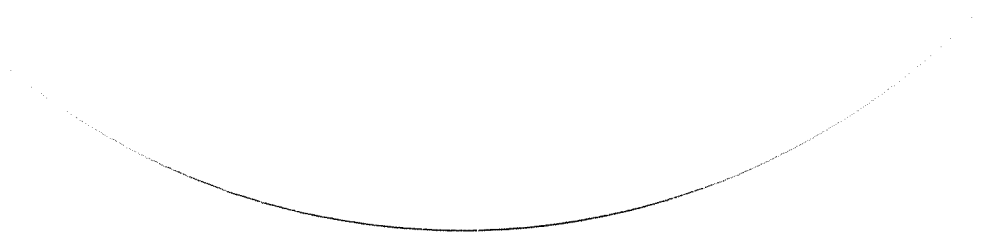


Office chart clock  
Tompkinsville, KY  
4-18-13





City of Tompkinsville  
Office Chart Clock  
4-25-13







Office Chart Clock  
Tompkinsville, Ky  
5-2-13

