BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS

In the Matter of the General Investigation Into)	
Operations of Kansas Gas Service, a Division)	
of ONE Gas, Inc., Regarding the Natural Gas)	Docket No. 17-KGSG-218-GIP
Incident that Occurred at 9th Street and)	Docket No. 17-KUSU-218-GIP
Magnolia Avenue in Salina, Saline County,)	
Kansas.)	

NOTICE OF FILING OF STAFF'S REPORT AND RECOMMENDATION

COMES NOW, the Staff of the State Corporation Commission of the State of Kansas (Staff and Commission, respectively), and files its Report and Recommendation regarding a natural gas incident that occurred at 9th Street and Magnolia Avenue in Salina, Saline County, Kansas. Staff recommends the Commission issue a Penalty Order to Mr. Tom Kemp d/b/a Kemp Construction L.L.C. of Derby, Kansas, for failure to provide timely notice of excavation.

WHEREFORE, Staff submits its Report and Recommendation for Commission review and consideration and for such other relief as the Commission deems just and proper.

Respectfully submitted,

Robert Elliott Vincent, S. Ct. #26028

Litigation Counsel

Kansas Corporation Commission 1500 S.W. Arrowhead Road

Topeka, Kansas 66604 Phone: (785) 271-3273

Fax: (785) 271-3167

E-Mail: r.vincent@kcc.ks.gov

Attorney for Commission Staff

Utilities Division 1500 SW Arrowhead Road Topeka, KS 66604-4027



Phone: 785-271-3220 Fax: 785-271-3357 http://kcc.ks.gov/

Sam Brownback, Governor

Pat Apple, Chairman Shari Feist Albrecht, Commissioner Jay Scott Emler, Commissioner

REPORT AND RECOMMENDATION UTILITIES DIVISION

TO:

Chairman Pat Apple

Commissioner Shari Feist Albrecht Commissioner Jay Scott Emler

FROM:

Dennis Crupper, Natural Gas Pipeline Safety Engineer

Leo M. Haynos, Chief of Gas Operations & Pipeline Safety

Jeff McClanahan, Director of Utilities

DATE:

June 12, 2017

SUBJECT:

17-KGSG-218-GIP

In the Matter of the General Investigation Into Operations of Kansas Gas Service, a Division of ONEGas, Inc., Regarding the Natural Gas Incident that Occurred at

9th Street and Magnolia Avenue in Salina, Saline County, Kansas.

EXECUTIVE SUMMARY:

On September 26, 2016, an unintentional release of natural gas occurred at the intersection of 9th Street and W. Magnolia Road in Salina, Kansas, when a horizontal drilling excavation hit a natural gas main operated by Kansas Gas Service (KGS). There were no injuries, but property damage associated with the unintentional release of natural gas and the subsequent repairs to the pipeline totaled \$103,000. Because the extent of the property damage exceeded \$50,000, it is a reportable incident under the guidelines of the Pipeline and Hazardous Materials Safety Administration (PHMSA). The Commission, under the authority of K.S.A. 66-1,150, assumed jurisdiction of safety oversight for all interstate natural gas pipelines and is annually certified by PHMSA in that role. PHMSA requires the Commission to investigate natural gas incidents. A primary objective of the investigation activities is to minimize the possibility of recurrence and to institute enforcement action where noncompliance with pipeline safety regulations has occurred. Related to pipeline safety oversight authority, the Commission is the state agency designated by the Kansas legislature to administer and enforce the Kansas Underground Utility Damage Prevention Act (KUUDPA).

Staff has completed its investigation into this matter and determined the incident was caused by the excavator, Mr. Tom Kemp d/b/a Kemp Construction L.L.C. of Derby, Kansas (Kemp), violating a provision of the KUUDPA. Consequently, Staff recommends the Commission issue

a Penalty Order to Kemp under a separate Docket number. The proposed Penalty Order and Staff's justification for it are attached to this Report as Appendix A.

BACKGROUND:

PHMSA requires the Commission to investigate natural gas incidents that have resulted in personal injury requiring hospitalization, a fatality, property damage exceeding \$50,000, the release of more than 3,000 MCF of natural gas, and/or other incidents otherwise considered significant by the state agency. In the subject incident, third-party damage to a natural gas pipeline resulted in damages totaling \$103,000. Kansas Gas Service's incident report is attached as Appendix B.

Kemp was installing approximately 5,500 feet of telecommunications cable using a horizontal excavation technique. The endpoint for this portion of the installation was an underground junction box located within the intersection of 9th Street and W. Magnolia Road in the City of Salina, Kansas (Exhibits One and Two). According to the Kansas 811 database, Kemp began this project by providing notice to all utilities of the pending excavation work through utility locate ticket number 16195966. This locate ticket had a "Work to Begin Date" of 4/23/2016. As per KUUDPA, each locate request expires 15 calendar days after the stated work to begin date. Work progressed intermittently in an easterly direction along W. Magnolia Road (Exhibit 3) for approximately 156 days. During this time period, Kemp acquired five utility locate tickets as updates of the original utility locate ticket. The last updated utility locate ticket expired on 9/15/2016, 11 days before the incident occurred. A compilation of Kemp's utility locate tickets is attached as Appendix C.

KGS repaired the line hit by: 1) "Isolated" the gas flow of the existing line at two locations near the leak; 2) due to the depth of fill, the existence of the concrete pavement, and the traffic control issues, the existing line was replaced with a new line rather than repairing the existing one; and 3) the new line was bored in and then connected to the existing line within the side shoulders of W. Magnolia Road.

ANALYSIS:

The primary objectives of Staff's investigation into this matter are to minimize the possibility of recurrence of an abnormal operating condition and to institute enforcement action where probable noncompliance with the safety standards has occurred. As part of this effort, Staff issued 19 data requests to Kansas Gas Service and one data request to Kemp. In addition, Staff reviewed Kemp's six utility locate tickets related to this project. Staff also interviewed City of Salina and AT&T personnel regarding the configuration of the buried utilities at the intersection where the incident occurred. Using this information, Staff developed a reasonable reconstruction of the events which are summarized in the background section of this Report and Recommendation. Staff concluded that Kemp operated without a valid utility locate ticket from 9/16/2016 to the date of the incident on 9/26/2016.

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¹ May 3, 2017, Email from R. Spector (KGS) to D. Crupper (KCC).

² K.S.A. 66-1804(a).

Staff issued a Notice of Probable Noncompliance (PNC) to Kemp on October 31, 2016 alleging that Kemp did not have a valid locate ticket at the time the incident occurred. On December 6, 2016, Kemp replied to Staff's PNC and agreed with Staff's findings that he did not have a valid locate request at the time of the damage, but he noted that KGS had failed to provide any indication that a gas line was at the location of the damage in any of his previous locate requests. The PNC and Kemp's response is attached as Appendix A – Attachment 2.

Because the previous locate requests had all expired, Staff considers Kemp's allegation that KGS had failed to provide complete locates to be irrelevant to this investigation. Nevertheless, Staff reviewed KGS's locate records of the intersection where the damage occurred. Staff concluded that the vicinity of the intersection was adequately marked under ticket number 16438612 with an expiration date of 9/15/2016. USIC, a utility locating contractor of KGS, provided a photo (Exhibit 4) of the utility locates performed under ticket number 16438612 of the appropriate area. This photo was taken on 8/30/2016 just after the locate ticket became active. Although the natural gas markings in the photo do not indicate markings at the precise location of damage, those markings and the pipeline marker pole within 15 feet of the damage site suggested the presence of gas lines in the area.

Utility locate markings are, by design, temporary markings indicating where utilities are buried. Because of the fact that weather, landscaping, and traffic will degrade temporary marks, KUUDPA limits the validity – or life – of each locate request to 15 calendar days. Regardless of the length of time that had passed since the utility locates were provided, KGS had indicated to Kemp that underground gas utilities were present in the area of the intersection where he intended to excavate on at least five separate occasions.

Staff contends Kemp should have contacted KGS and requested additional markings when he observed there was no indication of gas utilities in the intersection. In fact, KUUDPA requires excavators to use reasonable care when excavating in the vicinity of underground utilities.⁴ Kansas regulations K.A.R. 82-14-1(n)(4) defines reasonable care as follows:

- "Reasonable care" means the precautions taken by an excavator to conduct an excavation in a careful and prudent manner. Reasonable care shall include the following:
- 4. Maintaining the visibility of the markings that indicate the location of underground utilities throughout the excavation period.

Kemp's failure to have a valid locate request while excavating and/or his failure to maintain the markings provided by KGS is a violation of KUUDPA.

RECOMMENDATION:

Staff determined that the actions of Kemp violated KUUDPA. Therefore, Staff recommends the Commission issue a Penalty Order to Kemp for failure to provide timely notice of excavation. A copy of Staff's Penalty Recommendation is attached to the Report as Appendix A.

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³ Response to Staff Data Request No. 22.

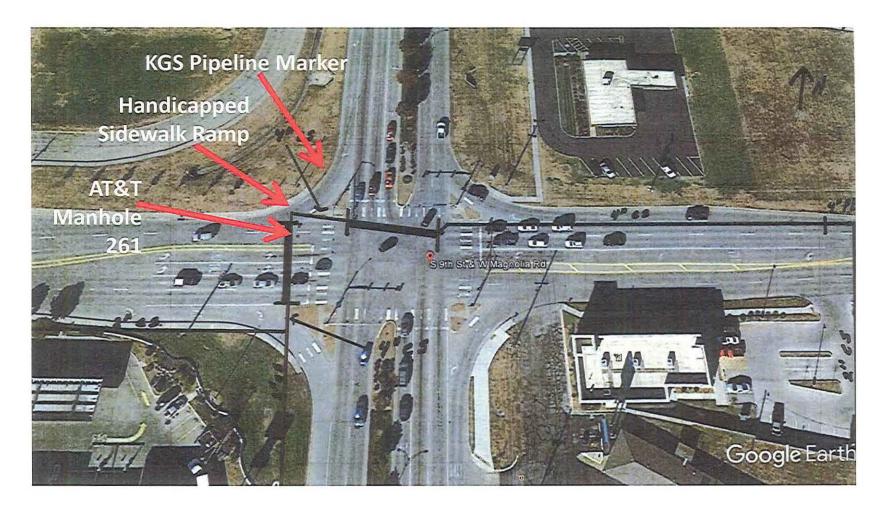
⁴ K.S.A. 66-1809.



Property of United States Infrastructure Corporation Photo taken on 10/12/2016 7:33:14 AM

Pathway of fiber cable -

USIC (contract locator for KGS) picture looking west to east along north side of W. Magnolia Rd.



Intersection of 9th St. (US81) and Magnolia Rd. Magnolia Rd. is running east to west and 9th St. is running north to south.

KGS has penned in the approximate locations of four inch OD steel gas main. AT&T manhole 261 is indicated in the photo.



Magnolia Rd. from 9th St. westward to I-135. AT&T manhole 261 and handicapped sidewalk ramp are shown.



Property of United States Infrastructure Corporation Photo taken on 10/12/2016 7:27:12 AM

Handicapped sidewalk ramp at 9th St. right hand turn ramp to W. Magnolia Rd. westbound. Approximate location of four inch OD steel KGS gas main hit shown.

Note location of AT&T manhole 261.

Appendix A

Proposed Penalty Order to Mr. Tom Kemp d/b/a Kemp Construction LLC

16 pages

Utilities Division 1500 SW Arrowhead Road Topeka, KS 66604-4027



Phone: 785-271-3220 Fax: 785-271-3357 http://kcc.ks.gov/

Sam Brownback, Governor

Pat Apple, Chairman Shari Feist Albrecht, Commissioner Jay Scott Emler, Commissioner

REPORT AND RECOMMENDATION UTILITIES DIVISION

TO: Chairman Pat Apple

Commissioner Shari Feist Albrecht Commissioner Jay Scott Emler

FROM: Dennis Crupper, Natural Gas Pipeline Safety Engineer

Leo Haynos, Chief of Pipeline Safety Jeff McClanahan, Director of Utilities

DATE: June 12, 2017

SUBJECT: Docket Number:

In the Matter of the Investigation of Mr. Tom Kemp dba Kemp Construction LLC., Derby, Kansas, Regarding Violations of the Kansas Underground Utility Damage Prevention Act (KUUDPA) (K.S.A. 66-1801, *et seq.*, and K.A.R. 82-14-1 through 82-14-5) and the Commission's Authority to Impose Penalties and/or

Sanctions (K.S.A. 66-1,151).

EXECUTIVE SUMMARY:

Staff is recommending a civil penalty be issued to Mr. Tom Kemp dba Kemp Construction LLC. (Kemp) in the amount of \$2,500 for violation(s) of KUUDPA. On September 26, 2016, Kemp hit and damaged a Kansas Gas Service (KGS) gas main at 9th Street and Magnolia Road, Salina, Kansas. A brief timeline of events and Staff's investigation is attached (Appendix A - Attachment 1). Kemp did not file a notice of intent to excavate with Kansas 811. Failure to serve notice of intent of excavation at least two working days in advance of excavating is a violation of K.S.A. 66-1804(a). Staff issued a Notice of Probable Noncompliance (PNC) to Kemp on October 31, 2016. Kemp's response to the PNC is attached (Appendix A -- Attachment 2).

ANALYSIS:

Rationale for Penalties:

A. Gravity of noncompliance:

Kemp on September 26, 2016, while horizontally drilling at the intersection of 9th street and Magnolia road in the City of Salina, Kansas, struck and damaged a gas main operated

by KGS. Kemp did not have a valid locate ticket at the time the damage occurred. There were no active locate notices on file with Kansas 811 for 9/26/2016. Ticket #16438612 with a begin work date of 8/31/2016 had expired 9/15/2016, 11 days before the damage occurred. Ticket # 16438612 had located and marked gas facilities within this area as shown by photo taken 8/30/2016 by KGS and is attached as (Appendix A - Attachment 3).

Excavating without locates and without ascertaining the location of all underground facilities is considered a high-risk activity with the potential for significant consequences to public safety. KUUDPA requires the excavator to serve notice of intent of excavation at least two full working days before the scheduled excavation start date. Because providing proper and timely notice of intent and waiting the required amount of time is the most fundamental preventative measure an excavator takes, the fact that Kemp failed to comply with this requirement of the law warrants the assessment of a civil penalty.

B. Culpability:

Kemp is directly responsible for its actions in failing to provide notice of intent to excavate to all operators of underground facilities as Kansas law requires.

C. History of noncompliance:

Staff has issued no other KUUDPA Notice of Probable Noncompliance to Kemp in the past two years.

D. Response of excavator regarding noncompliance(s):

Kemp responded to the current Notice of Probable Noncompliance and agreed with Staff's findings. Kemp stated that:

"We did hit the gas line, we don't dispute this. Would like to give you some more history which we feel caused the hit. We had called this ticket in on several occasions and at no time was the gas line marked at this location. We renewed our tickets and again, that gas line was never marked at any attempt by One Call to mark the gas line at that location.

When we updated the ticket the last time, it was evidently out of date by two days. That must have been an oversight in the office that evidently misread the renewal time. As I understand we were what boils down to 36 hours out of date. Again, not to make excuses, but the crew on sight had been familiar with that area and unaware at the time the ticket was out of date but felt confident because everything else was marked except this gas line from previous tickets.

We take these hits very seriously and have in the past tried to abide by all requirements. We have implemented new procedure with the field crews and our interior office employees in an effort to double check each other's ticket times. We hope this will not happen in the future."

E. Aggravating/Mitigating Circumstances:

Staff has determined there are circumstances that would cause modification of the recommended penalty amount. This violation caused an estimated \$103,000 in damages and repair costs. Staff considers the magnitude of the damage costs to be an aggravating factor in calculating a proposed penalty. Therefore, Staff recommends a penalty of \$2,500. The penalty calculation is attached as (Appendix A - Attachment 4).

RECOMMENDATION:

Staff recommends a civil penalty be issued to Kemp in the amount of \$2,500 for violation of K.S.A. 66-1804(a).

Attachments

Appendix A - Attachment 1

Timeline of Events and Staff's Investigation

2 pages

4/8/2016 -- Mr. Tom Kemp d/b/a Kemp Construction LLC (Kemp) received an AT&T contract to install 10,369 feet of fiber optic cable and received City of Salina permits to perform this work on City right of way. Area of work includes W. Magnolia Road from S. Centennial street to S 9th street.

4/20/2016 -- Kemp called in for utility locate along W. Magnolia Rd. beginning at Centennial Rd. and moving eastward towards S. 9^{th} Street. Ticket number 16195966 was issued with a "Work to begin date" of 4/23/2016 and an expiration date of 5/8/2016.

5/06/2016 – Ticket number 1619566 was updated with same "location of work" description by ticket number 16228501 with a "Work to begin date" of 5/11/2016 and an expiration date of 5/26/2016.

5/26/2016 -- Ticket number 16228501 was updated with same "location of work" description by ticket number 16263852 with a "Work to begin date" of 6/01/2016 and an expiration date of 6/16/2016.

6/09/2016 -- Ticket number 16263852 was updated with same "location of work" description by ticket number 162291325 with a "Work to begin date" of 6/14/2016 and an expiration date of 6/29/2016.

6/28/2016 -- Ticket number 162291325 was updated with same "location of work" description by ticket number 16325913 with a "Work to begin date" of 7/01/2016 and an expiration date of 7/16/2016.

8/26/2016 – Called in for utility locate along W. Magnolia Rd. beginning at "From the manhole in the intersection of 9th and Magnolia, mark going W in the N right of way of Magnolia for 850 ft." Ticket number 16438612 was issued with a "Work to begin date" of 8/31/2016 and an expiration date of 9/15/2016.

9/26/2016 – Kemp hit and damaged the 4 inch steel gas main located underneath the pavement at the intersection of 9th Street and W. Magnolia Rd. This main is operated by Kansas Gas Service (KGS). Salina 911 responds and contacts KGS. KGS crews isolated the leak and completed the installation of the replacement main.

10/14/2016 – Incident report 20160104 was filed with USDOT-PHMSA by KGS. KCC Pipeline Safety receives a copy and began an investigation.

10/31/2016 – KCC staff determined that Kemp did not have a valid locate ticket at the time the damage occurred. Kemp was issued a Notice of Probable Noncompliance by KCC staff.

11/18/2016 - KCC opened a general investigation docket concerned with this incident.

12/06/2016 – Kemp is reminded by KCC staff that a response to the October 31, 2016 letter has not yet been received by KCC staff. KCC stated the additional delay could result in additional violations. Kemp responded with an email explanation. Both the KCC October 31, 2016 letter with the PNC attached and Kemp's response are attached as Appendix A – Attachment 2.

12 / 2016 – Requests were made of the City of Salina Public Works and AT&T to provide relevant construction documentation for this project. Documents from both groups were reviewed.

2/2017 – Utility locate tickets for Kemp were researched.

3 to 4 / 2017 – Data requests were made to both KGS and Kemp. Information received were analyzed.

06/09/2017 - KCC staff recommended filing a civil penalty against Kemp.

Appendix A -- Attachment 2

Kemp Construction Probable Noncompliance dated 10/28/2016

Email E. Leslie (KCC) to T. Kemp dated 12/06/2016

Email T. Kemp to E. Leslie (KCC) dated 12/06/2016

3 pages

	PROBABLE NONCOMPLIANCE	KCC Investigation#: 7452
COMPANY: Kemp Construction	DIVISION:	
REGULATION: 66-1804 Notice of intent of excavation.		
	subsequent updates shall be valid for 15 calenda which the proposed excavation reasonably can be	
History: L. 1993, ch. 217, § 4; L. 2002, ch	a. 41, § 2; L. 2008, ch. 122, § 6; July 1, 2009.	
K.A.R. 82-14-6 (j) Trenchless Guidelin	es	
j) Each excavator using trenchless excavation At a minimum, the guidelines shall require the	techniques shall develop and implement operating gui following:	idelines for trenchless excavation techniques.
1. Training in the requirements of the Ka	nsas underground utility damage prevention act;	
2. Training in the use of nonintrusive me existing facility and the proposed excavation p	ethods of excavation used if there is an indication of a ath;	conflict between the tolerance zone of an
8. Emergency procedures for unplanned	d utility strikes.	
of Salina, Ks. Kemp Construction 6" coated steel casing. This line I notices on file with Kansas One Chad expired 9/15/2016. Kemp Coccurred.	on was boring Fiber Main on W Magn on they struck and damaged a 4" Coate belonged to Kansas Gas Services (KGS Call for 9/26/2016. Ticket #16438612 w onstruction did not have a valid locate I the Operating Guidelines for Trenchled as required per the Kansas Undergr	ed steel gas line which was in a S). There were no active Locate with a begin work date of 8/31/16 ticket at the time the damage less Excavation Techniques
Operator's authorized signature:		Date:

PIPELINE SAFETY USE ONLY

Date Reviewed: _____ Date Reviewed: _____ Supervisor: ____ Inspector: _____

Inspected by: Leslie

Date inspected: 10/28/2016 Inspection type: No Locates- Excavator From: Edye Leslie [mailto:e.leslie@kcc.ks.gov] Sent: Tuesday, December 06, 2016 7:24 AM

To: Tom Kemp

Cc: Leo Haynos; Dennis Crupper

Subject: Gas Pipeline Damage, Salina, KS

Mr. Chambers:

1

This email is regarding the letter sent to you from our office on 10/31/2016 for complaint #7452 whereas while boring fiber main at W Magnolia Rd and S 9th St in Salina, Ks on 09/26/2016 your company struck and damaged a Kansas Gas Main causing the release of a significant amount of natural gas. Upon investigation we found there was not a current One Call Ticket filed. The letter requested a response from your company no later than 12/6/2016 which is today's date. As of this time we have not received a response.

I ask that you please respond today by 5:00pm CDT either by fax: 785-271-3357 or email in order to avoid any further possible non-compliance violations. You can email myself e.leslie@kcc.ks.gov and cc: L.haynos@kcc.ks.gov if you prefer to respond by email.

Thank you for your attention in this matter.

Edye Leslie Pipeline Safety Inspector **Kansas Corporation Commission** 1500 SW Arrowhead Road Topeka, KS 66604-4027 Office: (785)-271-3141

Cell: (785) 633-6227

From: Tom Kemp [mailto:tkemp@kempconst.com]
Sent: Tuesday, December 06, 2016 10:46 AM

To: Edye Leslie

Subject: RE: Gas Pipeline Damage, Salina, KS

Edye,

We did hit the gas line, we don't dispute this. Would like to give you some more history which we feel caused the hit. We had called this ticket in on several occasions and at no time was the gas line marked at this location. We had renewed our tickets and again, that gas line was never marked at any attempt by One Call to mark the gas line at that location. When we updated the ticket the last time, it was evidently out of date by two days. That must have been an oversight in the office that evidently misread the renewal time. As I understand we were what boils down to 36 hours out of date. Again, not to make excuses, but the crew on sight had been familiar with that area and unaware at the time the ticket was out of date but felt confident because everything else was marked except this gas line from previous tickets.

We take these hits very seriously and have in the past tried to abide by all requirements. We have implemented new procedure with the field crews and our interior office employees in an effort to double check each other's ticket times. We hope this will not happen in the future.

Thanks,

Tom Kemp



612 Mulberry Road Derby KS 67037 Office 316.522.7255 Fax 316.522.6909 Cell 316.210.5367 tkemp@kempconst.com

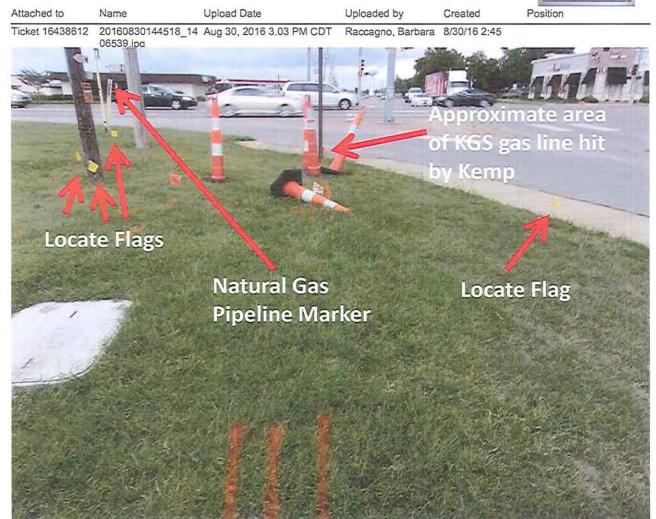
Appendix A - Attachment 3

Utility locate ticket number 16438612 and corresponding 8/31/2016 USIC photo of utility marks

2 pages

RETURN Emall Ticket Kansas One Call 16438612 Ticket No: STANDARD Original Call Date: 08/26/16 02:41 pm ksjared Op: Work to Begin Date: 08/31/16 12:01 am ksjared Op: Caller Information KEMP CONSTRUCTION Company Name: Fax Phone: (316)522-7255 Contact Name: FRANK CHAMBERS Phones FRANK'S CELL (316)390-0803 Alt. Contact: Alt. Phone: Caller Address: 612 MULBERRY DERBY, KS 67037 Contact Email: tkemp@kempconst.com Dig Site information Type of Work: PLACING FIBER MAIN Explosives: N **Duration: 6 DAYS** Trenchiess Exeav: Y Work Being Done For: Dig Site Location SALINE Place: SALINA County: Address: Street: W MAGNOLIA RD Intersecting Street: S 9TH ST Location of Work: FROM THE MANHOLE IN THE INTERSECTION OF 9TH AND MAGNOLIA, MARK GOING W IN THE N RIGHT OF WAY OF MAGNOLIA FOR 850FT. Remarks: Map Twp: 148 Ruge 3W Sect-Qtr: 36-NW,35-NE,26-SE,25-SW Map Coord NW Lat: 38.7986888 Lon: -97,6163120 SE Lat: 38.7975964 Lon: -97,6120520 MEMBER INFORMATION: KANSAS ONE-CALL WILL NOTIFY THE FOLLOWING UNDERGROUND FACILITY OPERATOR(S): District Company Name **Business Hours** Status A'T' DISTRIBUTION Marked ATT401 (800)778-9140 COXSA01 COX COMMUNICATIONS (800)778-9140 Marked ITSWIOL ZAYO (620)899-3937 Does not participate in Ticket Check KANGAS61 KANSAS GAS SERVICE (800)778-9140 Marked WESTAR ENERGY **KPL59** (800)778-9140 Clear/No conflict Internetive Map: Popup Map Hide Map Print Tips Locate Polygon Search Map: Enter Street, Address, City, or Placemark and choose from List (ii) Coyote Conyon Star Or 9 Ŷ Planel Nº W Magnolia R W Magnolio Rd W Magnolia Rd E Magnolia Ro 0 DICK'S Sporting Goods 🔇 œ Americas Best Volue Inn Freddy's Frozen Custord & Steakburgers Marshalls 😩 Hobby Lobby (2) B Padavay Ave W Porkway Ave Mid State Plaza 🕲 Marker Pt Hong Kong Builet į, Petco Animal Supplies (1) 감 Big Lots 🙆 왕 Google Map data 626 tas cords 50 m





Property of United States Infrastructure Corporation Photo taken on 8/30/2016 2:45:18 PM

Appendix A - Attachment 4

Proposed Penalty Calculation

2 pages

KUUDPA Penalty Calculator

Penalty Categories

	Base penalty	Yes/No	Calculated Base Penalty	Explanation (if applicable)
Inadequate procedure	\$100.00	No	\$0.00	
Inadequate recordkeeping	\$100.00	No		
inadequate reporting	\$100.00	No		
Failure to implement/perform				
requirement	\$500.00	yes	\$500.00	
			\$500.00 Total	Base Penalty

Aggravating Circumstances

<u>Description</u>	Multiplier	Yes/No	Calculated Multiplier	Explanation (if applicable)
Select ONLY the most serious of the three circumstances below				
Violation caused property damage				66-1804(a)
>\$50,000	5	yes	5	<u> </u>
Violation contributed to injury	6		1	
Violation contributed to fatality	10	n	1	
Violation resulted in damage to a high pressure gas or HV liquid pipeline Violation occurred in class 4 location	3	n n	1 1	
Occurred in area with potential to affect a facility where customers have limited mobility (difficult to evacuate) Violation caused mass service outage	4	n	1	
(>100 customers)	3	n	1	
Repeat violation within past 5 years	2	n	1	

Economic benefit gained from the			
violation	3	n	1
No response to PNC	2	n	1
No measures taken to prevent			
recurrence	2	n	1
Operator uncooperative in resolution			
of the violation	5	n	1
Gross negligence/willful or wanton			
conduct	10	no	1

5 Aggravating Multiplier \$2,500.00 Total Aggravated Penalty

Mitigating Circumstances

Operator Resources (Dist.)	Multiplier	Yes/No	Calculated Multiplier	Explaination (if applicable)
Miles of underground <2 miles	0.1	Υ	1	
customers < 250	0.25	N/A	1	
250 < customers< 1000	0.5	N/A	1	
1000 < customers < 10,000	0.75	N/A	1	
customers > 10,000	1	N/A	1	
Unusual locate work load caused by				
accelerated excavation activity in the				
region	0.5	n	1	
Excavator Resources				
Excavation activity is not company's				
primary business	0.2	n	1	
Excavating company requests <50				
locates per year	0.4	n	1	
Damage the result of abnormal or				
unusual facility construction practices	0.1	n	1	
,				ting Multiplier

1 Mitigating Multiplier \$2,500.00 Final Recommended Penalty Amount

Appendix B

PHMSA Incident Report 16411 dated 10/14/2016

9 pages

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed 100,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed \$1,000,000 as provided in 49 USC 60122.

Original Report Date:

U.S Department of Transportation Pipeline and Hazardous Materials Safety Administration

Original Report Date:

No. 20160104- 16411

INCIDENT REPORT - GAS DISTRIBUTION SYSTEM

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0522. All responses to this collection of information are mandatory. Send comments regarding the burden or any other aspect of this collection of information, including suggestions for reducing the burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

INSTRUCTIONS

Important: Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at http://www.phmsa.dot.gov/pipeline/library/forms.

PART A - KEY REPORT INFORMATION

Report Type: (select all that apply)	Original:	Supplemental:	Final:
	Yes		
Last Revision Date			
Operator's OPS-issued Operator Identification Number (OPID):	31159		
2. Name of Operator	KANSAS GAS SEF GAS, INC.	RVICE COMPANY, A DIVIS	ION OF ONE
3. Address of Operator:			
3a. Street Address	7421 W 129TH		
3b. City	OVERLAND PARK		
3c. State	Kansas		
3d. Zip Code	66213		
4. Local time (24-hr clock) and date of the Incident:	09/26/2016 11:35		
5. Location of Incident:			
5a. Street Address or location description	9th Street and Mag	nolia	
5b. City	Salina		
5c. County or Parish	Saline		
5d. State:	Kansas		
5e. Zip Code:	67401		
5f. Latitude:	38.79811		
Longitude:	-97.61291		
6. National Response Center Report Number:	1161573		
7. Local time (24-hr clock) and date of initial telephonic report to the National	10/14/2016 14:50		
Response Center:			
Incident resulted from:	Unintentional release	se of gas	
9. Gas released:	Natural Gas		
- Other Gas Released Name:			
Estimated volume of gas released - Thousand Cubic Feet (MCF):	512.000		
11. Were there fatalities?	No		
- If Yes, specify the number in each category:			
11a. Operator employees			
11b. Contractor employees working for the Operator			
11c. Non-Operator emergency responders			
11d. Workers working on the right-of-way, but NOT associated with this Operator			
11e. General public			
11f. Total fatalities (sum of above)			
12. Were there injuries requiring inpatient hospitalization?	No		
- If Yes, specify the number in each category:			
12a. Operator employees			
12b. Contractor employees working for the Operator			
12c. Non-Operator emergency responders			
12d. Workers working on the right-of-way, but NOT associated with this Operator			
12e. General public			
12f. Total injuries (sum of above)			
13. Was the pipeline/facility shut down due to the incident?	No		
- If No, Explain:	Had addition supply		

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- If Yes, complete Questions 13a and 13b: (use local time, 24-hr clock)	
13a. Local time and date of shutdown:	
13b. Local time pipeline/facility restarted:	
- Still shut down? (* Supplemental Report Required)	
14. Did the gas ignite?	No
15. Did the gas explode?	No
16. Number of general public evacuated:	50
17. Time sequence (use local time, 24-hour clock):	
17a. Local time operator identified Incident - effective 10-2014, "Incident"	09/26/2016 11:35
changed to "failure"	03/20/2010 11:33
17b. Local time operator resources arrived on site:	09/26/2016 11:45
77.6. Local anti-operator recognition of the	
PART B - ADDITIONAL LOCATION INFORMATION	
1. Was the Incident on Federal land?	No
2. Location of Incident	Public property
3. Area of Incident:	Underground
Specify:	Under pavement
If Other, Describe:	
Depth of Cover:	144
4. Did Incident occur in a crossing?	Yes
- If Yes, specify type below:	
- If Bridge crossing	
Cased/ Uncased:	
- If Railroad crossing	
- II Railroad crossing – Cased/ Uncased/ Bored/drilled	
	V
- If Road crossing –	Yes
Cased/ Uncased/ Bored/drilled	Cased
- If Water crossing –	
Cased/ Uncased	
Name of body of water (If commonly known):	
Approx. water depth (ft):	
PART C - ADDITIONAL FACILITY INFORMATION 1. Indicate the type of pipeline system:	Investor Owned
- If Other, specify:	investor Owned
2. Part of system involved in Incident:	Main
- If Other, specify:	IVIAIII
2a. Year "Part of system involved in Incident" was installed:	1971
When "Main" or "Service" is selected as the "Part of system involved in Incident	
·	
3a. Nominal diameter of pipe (in):	4
3b. Pipe specification (e.g., API 5L, ASTM D2513):	ASTM D2513
3c. Pipe manufacturer:	Unknown
3d. Year of manufacture:	Unknown
4. Material involved in Incident:	Steel
- If Other, specify:	
4a. If Steel, Specify seam type:	Unknown
None/Unknown?	
	Unknown
4b. If Steel, Specify wall thickness (inches):	Unknown .188
4b. If Steel, Specify wall thickness (inches): 4c. If Plastic, Specify type:	
4c. If Plastic, Specify type:	
4c. If Plastic, Specify type: - If Other, describe:	
4c. If Plastic, Specify type: - If Other, describe: 4d. If Plastic, Specify Standard Dimension Ratio (SDR): Or wall thickness:	.188
4c. If Plastic, Specify type: - If Other, describe: 4d. If Plastic, Specify Standard Dimension Ratio (SDR): Or wall thickness: 4e. If Polyethylene (PE) is selected as the type of plastic in Part C, Que	.188
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4c. If Plastic, Specify type: - If Other, describe: 4d. If Plastic, Specify Standard Dimension Ratio (SDR): Or wall thickness: 4e. If Polyethylene (PE) is selected as the type of plastic in Part C, Que - Specify PE Pipe Material Designation Code (i.e. 2406, 3408, etc.) Unknown? Type of release involved: - If Mechanical Puncture - Specify Approx size:	.188 estion 4.c: Mechanical Puncture
4c. If Plastic, Specify type: - If Other, describe: 4d. If Plastic, Specify Standard Dimension Ratio (SDR): Or wall thickness: 4e. If Polyethylene (PE) is selected as the type of plastic in Part C, Que - Specify PE Pipe Material Designation Code (i.e. 2406, 3408, etc.) Unknown? 5. Type of release involved: - If Mechanical Puncture - Specify Approx size: Approx. size: in. (axial):	.188 estion 4.c: Mechanical Puncture 2.00
4c. If Plastic, Specify type: - If Other, describe: 4d. If Plastic, Specify Standard Dimension Ratio (SDR): Or wall thickness: 4e. If Polyethylene (PE) is selected as the type of plastic in Part C, Que - Specify PE Pipe Material Designation Code (i.e. 2406, 3408, etc.) Unknown? 5. Type of release involved : - If Mechanical Puncture - Specify Approx size: Approx. size: in. (axial): in. (circumferential):	.188 estion 4.c: Mechanical Puncture
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4c. If Plastic, Specify type: - If Other, describe: 4d. If Plastic, Specify Standard Dimension Ratio (SDR): Or wall thickness: 4e. If Polyethylene (PE) is selected as the type of plastic in Part C, Que - Specify PE Pipe Material Designation Code (i.e. 2406, 3408, etc.) Unknown? 5. Type of release involved: - If Mechanical Puncture - Specify Approx size: Approx. size: in. (axial): in. (circumferential): - If Leak - Select Type: - If Other, Describe:	.188 estion 4.c: Mechanical Puncture 2.00
4c. If Plastic, Specify type: - If Other, describe: 4d. If Plastic, Specify Standard Dimension Ratio (SDR): Or wall thickness: 4e. If Polyethylene (PE) is selected as the type of plastic in Part C, Que - Specify PE Pipe Material Designation Code (i.e. 2406, 3408, etc.) Unknown? 5. Type of release involved: - If Mechanical Puncture - Specify Approx size: Approx. size: in. (axial): in. (circumferential): - If Leak - Select Type: - If Other, Describe:	.188 estion 4.c: Mechanical Puncture 2.00
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Class Location of Incident :	Class 3 Location
. Estimated Property Damage :	
2a. Estimated cost of public and non-Operator private	\$ 10,000
property damage paid/reimbursed by the Operator – effective 6-2011,	
"paid/reimbursed by the Operator" removed	
Estimated cost of gas released – effective 6-2011, moved to item 2f	
2b. Estimated cost of Operator's property damage & repairs	\$ 100,000
2c. Estimated cost of Operator's emergency response	\$ 22,000
2d. Estimated other costs	\$0
- Describe:	
2e. Property damage subtotal (sum of above)	\$ 132,000
Cost of Gas Released	
	L 0 0 0 0 0
2f. Estimated cost of gas released	\$ 2,000
Total of all costs	\$ 134,000
Estimated number of customers out of service:	
3a. Commercial entities_	5
3b. Industrial entities	0
3c. Residences	0
	en elifere la
PART E - ADDITIONAL OPERATING INFORMATION	
Estimated pressure at the point and time of the Incident (psig):	25.00
2. Normal operating pressure at the point and time of the Incident (psig):	25.00
Maximum Allowable Operating Pressure (MAOP) at the point and time of he Incident (psig):	35.00
. Describe the pressure on the system relating to the Incident:	Pressure did not exceed MAOP
5. Was a Supervisory Control and Data Acquisition (SCADA) based system in	No
place on the pipeline or facility involved in the Incident?	
- If Yes:	
5a. Was it operating at the time of the Incident?	
5b. Was it fully functional at the time of the Incident?	
5c. Did SCADA-based information (such as alarm(s), alert(s),	
event(s), and/or volume or pack calculations) assist with the detection of the Incident?	
5d. Did SCADA-based information (such as alarm(s), alert(s), event(s), and/or volume calculations) assist with the confirmation of the Incident?	
How was the Incident initially identified for the Operator?	Notification from Emergency Responder
- If Other, Specify:	
6a. If "Controller", "Local Operating Personnel, including	
contractors", "Air Patrol", or "Ground Patrol by Operator or its	
contractor" is selected in Question 6, specify.	
7. Was an investigation initiated into whether or not the controller(s) or control room issues were the cause of or a contributing factor to the Incident?	No, the Operator did not find that an investigation of the controller(s) actions or control room issues was necessary due to: (provide an explanation for why the Operator did not investigate)
 If "No, the operator did not find that an investigation of the controller(s) 	This section of pipe not regulated by a control room
actions or control room issues was necessary due to:"	
(provide an explanation for why the operator did not investigate)	
 If Yes, Specify investigation result(s) (select all that apply): 	
- Investigation reviewed work schedule rotations, continuous hours	
of service (while working for the Operator), and other factors	
associated with fatigue	
- Investigation did NOT review work schedule rotations, continuous	
hours of service (while working for the Operator), and other factors	
associated with fatigue	
- Provide an explanation for why not:	
- Investigation identified no control room issues	
- Investigation identified no controller issues	
Investigation identified incorrect controller action or controller error	
a singular, restrained and a solution of controller of the	
- Investigation identified that fatigue may have affected the	1
Investigation identified that fatigue may have affected the controller(s) involved or impacted the involved controller(s) response	
controller(s) involved or impacted the involved controller(s) response	
controller(s) involved or impacted the involved controller(s) response - Investigation identified incorrect procedures	
controller(s) involved or impacted the involved controller(s) response	

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- Investigation identified areas other than those above	
Describe:	
PART F - DRUG & ALCOHOL TESTING INFORMATION	
As a result of this Incident, were any Operator employees tested under the post-accident drug and alcohol testing requirements of DOT's Drug & Alcohol Testing regulations?	No
- If Yes:	
1a. How many were tested: 1b. How many failed:	
As a result of this incident, were any Operator contractor employees tested	No
under the post-accident drug and alcohol testing requirements of DOT's Drug & Alcohol Testing regulations?	
- If Yes:	
2a. How many were tested: 2b. How many failed:	
PART G - CAUSE INFORMATION	
Select only one box from PART G in shaded column on left representing the App right. Describe secondary, contributing, or root causes of the Incident in the narra	
Apparent Cause:	G3 - Excavation Damage
G1 - Corrosion Failure – only one sub-cause can be picked from shaded let	t-hand column
Corrosion Failure Sub-Cause:	
- If External Corrosion:	
Results of visual examination:	
- If Other, Specify:	
2. Type of corrosion:	
- Galvanic	
- Atmospheric	
- Stray Current	
- Microbiological	
- Selective Seam	
- Other	
- If Other, Describe:	
3. The type(s) of corrosion selected in Question 2 is based on the following:	
- Field examination	
- Determined by metallurgical analysis	
- Other	
- If Other, Describe:	
Was the failed item buried under the ground?	
- If Yes:	
4a. Was failed item considered to be under cathodic protection at the time of the incident?	
- If Yes, Year protection started:	
4b. Was shielding, tenting, or disbonding of coating evident at the point of the incident?	
4c. Has one or more Cathodic Protection Survey been conducted at the point of the incident?	
If "Yes, CP Annual Survey" – Most recent year conducted:	
If "Yes, Close Interval Survey" – Most recent year conducted:	
If "Yes, Other CP Survey" – Most recent year conducted:	
- If No:	
4d. Was the failed item externally coated or painted?	
5. Was there observable damage to the coating or paint in the vicinity of the corrosion?	
6. Pipeline coating type, if steel pipe is involved:	
- If Other, Describe:	
- If Internal Corrosion:	
7. Results of visual examination:	
- If Other, Describe:	
8. Cause of corrosion (select all that apply):	
- Corrosive Commodity - Water drop-out/Acid	
- Water drop-out/Acid - Microbiological	
- Microbiological	

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- Erosion	
- Other	
- If Other, Specify:	
9. The cause(s) of corrosion selected in Question 8 is based on the following: (s	elect all that apply):
- Field examination	
- Determined by metallurgical analysis	
- Other	
- If Other, Describe:	
10. Location of corrosion (select all that apply):	
- Low point in pipe	
- Elbow	
- Drop-out - Other	
- Other - If Other, Describe:	
11. Was the gas/fluid treated with corrosion inhibitor or biocides?	
Was the gashidid fleated was conditional to blockess. 12. Were any liquids found in the distribution system where the incident occurred?	
Complete the following if any Corrosion Failure sub-cause is selected AND t Question 2) is Main, Service, or Service Riser.	ne "Part of system involved in incident" (from PART C,
13. Date of the most recent Leak Survey conducted	
14. Has one or more pressure test been conducted since original construction	
at the point of the Incident?	
- If Yes:	
Most recent year tested:	
Test pressure:	
G2 — Natural Force Damage — only one sub-cause can be picked from sha	aded left-handed column
Natural Force Damage – Sub-Cause:	The first state of the first sta
- If Earth Movement, NOT due to Heavy Rains/Floods:	
1. Specify:	
- If Other, Specify:	
- If Heavy Rains/Floods:	
2. Specify:	
- If Other, Specify:	
- If Lightning:	
3. Specify:	
- If Temperature:	
4. Specify:	
- If Other, Specify:	
- If Other Natural Force Damage: 5. Describe:	
Complete the following if any Natural Force Damage sub-cause is selected.	
6. Were the natural forces causing the incident generated in conjunction with an extreme weather event?	
6.a If Yes, specify (select all that apply):	
- Hurricane	
- Tropical Storm	
- Tornado	
- Other	
- If Other, Specify: G3 — Excavation Damage — only one sub-cause can be picked from shade	d left-hand column
Excavation Damage - Sub-Cause:	Excavation Damage by Third Party
- If Previous Damage due to Excavation Activity: Complete the following C Question 2) is Main, Service, or Service Riser.	NLY IF the "Part of system involved in Incident" (from Part C,
Date of the most recent Leak Survey conducted	
Has one or more pressure test been conducted since original construction at the point of the incident?	
- If Yes:	
Most recent year tested:	
Test pressure:	
Complete the following if Excavation Damage by Third Party is selected.	
Did the operator get prior notification of the excavation activity?	No

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3a. If Yes, Notification received from: (select all that apply):	
- One-Call System	
- Excavator	
- Contractor	
- Landowner	
Complete the following mandatory CGA-DIRT Program questions if any Exca	vation Damage sub-cause is selected.
Do you want PHMSA to upload the following information to CGA-DIRT (www.cga-dirt.com)?	Yes
5. Right-of-Way where event occurred (select all that apply):	
- Public	Yes
- If Public, Specify:	City Street
- Private	
- If Private, Specify:	
- Pipeline Property/Easement	
- Power/Transmission Line	
- Railroad	
- Dedicated Public Utility Easement	
- Federal Land - Data not collected	
- Data not collected - Unknown/Other	
6. Type of excavator:	Contractor
7. Type of excavation equipment :	Boring
8. Type of excevation equipment:	Telecommunications
9. Was the One-Call Center notified?	No
9a. If Yes, specify ticket number:	
9b. If this is a State where more than a single One-Call Center exists, list	
the name of the One-Call Center notified:	
10. Type of Locator:	
11. Were facility locate marks visible in the area of excavation?	
12. Were facilities marked correctly?	
13. Did the damage cause an interruption in service?	
13a. If Yes, specify duration of the interruption:	
14. Description of the CGA-DIRT Root Cause (select only the one predominant	irst level CGA-DIRT Root Cause and then, where available as a
choice, the one predominant second level CGA-DIRT Root Cause as well):	
- Root Cause Description:	Excavation Practices Not Sufficient
- If One-Call Notification Practices Not Sufficient, specify:	
- If Locating Practices Not Sufficient, specify:	
If Excavation Practices Not Sufficient, specify: If Other/None of the Above, explain:	Excavation practices not sufficient (other)
- if Other Notice of the Above, explain.	
G4 - Other Outside Force Damage - only one sub-cause can be selected	from the shaded left-hand column
Other Outside Force Damage – Sub-Cause:	
- If Damage by Car, Truck, or Other Motorized Vehicle/Equipment NOT Eng	aged in Excavation:
Vehicle/Equipment operated by:	agov in macevation
- If Damage by Boats, Barges, Drilling Rigs, or Other Maritime Equipment of	r Vaccale Sat Adrift or Which Have Otherwise Last Their
Mooring:	A 1000019 Out MillIII OF MILION HAVE ORIGINASS FOR THEIR
Select one or more of the following IF an extreme weather event was a factor:	
- Hurricane	
- Tropical Storm	
- Tornado	
- Heavy Rains/Flood	
- Other	
- If Other, Specify:	
- If Previous Mechanical Damage NOT Related to Excavation: Complete the Part C, Question 2) is Main, Service, or Service Riser.	following ONLY IF the "Part of system involved in Incident" (from
Date of the most recent Leak Survey conducted:	
4. Has one or more pressure test been conducted since original construction	
at the point of the Incident?	
- If Yes:	
Most recent year tested:	
Test pressure (psig):	
- If Intentional Damage:	
5. Specify:	
- If Other, Specify:	
The state of the s	<u> </u>

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6. Describe:		
OF Bin Wold on International		
G5 - Pipe, Weld, or Joint Failure - only one	sup-cause can be selected from	i the shaded lett-hand column
Pipe, Weld or Joint Fallure – Sub-Cause:		
- If Body of Pipe:		
1. Specify:		
	- If Other, Describe:	
- If Butt Weld:		
2. Specify:	If Other December	
SE CONTRACTOR AND	- If Other, Describe:	
- If Fillet Weld: 3. Specify:		
o. openiji	- If Other, Describe:	
- If Pipe Seam:		
4. Specify:		
	- If Other, Describe:	
- If Mechanical Fitting:		
Specify the mechanical fitting involved:	- If Other, Describe:	
Specify the type of mechanical fitting:	- ii Other, Describe:	
	- If Other, Describe:	
7. Manufacturer:		
8. Year manufactured:		
9. Year Installed: 10. Other attributes:		
11. Specify the two materials being joined:		
11a. First material being joined:		
	- If Other, Specify:	
11b. If Plastic, specify:		
11a Casand material bains island	- If Other Plastic, specify:	
11c. Second material being joined:	- If Other, Specify:	
11d. If Plastic, specify:	- it Other Opens.	
	- If Other Plastic, Specify:	
12. If used on plastic pipe, did the fitting – as desi	gned by the manufacturer	
include restraint?		
12a. If Yes, specify:		
- If Compression Fitting: 13. Fitting type:		
14. Manufacturer:		
15. Year manufactured:		
16. Year installed:		
17. Other attributes:		
18. Specify the two materials being joined: 18a. First material being joined:		
roa. Filst material being joined.	- If Other, specify:	
18b. If Plastic, specify:		
	- If Other Plastic, specify:	
18c. Second material being joined:	1100	
18d. If Plastic, specify:	If Other, specify:	
rou. II mastic, specify:	- Other Plastic, specify:	
- If Fusion Joint:	Tariff Idono, opoony.	
19. Specify:		
	- If Other, Specify:	
20. Year installed:		
21. Other attributes:		
22. Specify the two materials being joined: 22a. First material being joined:		
22a. i irət materiai beiliğ jonteu.	- If Other, Specify:	
22b. Second material being joined:		
	- If Other, Specify:	
- If Other Pipe, Weld, or Joint Failure:		
23. Describe:		

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Complete the following if any Pipe, Weld, or Joint Failure sub-cause is sele	cted.
24. Additional Factors (select all that apply):	
- Dent	
- Gouge	
- Pipe Bend	
- Arc Burn	
- Crack	
- Lack of Fusion	
- Lamination	
- Buckle	
- Wrinkle	
- Misalignment	
- Burnt Steel	
- Other	
- If Other, Specify: 25. Was the Incident a result of:	
- Construction defect	
Specify.	
- Material defect	<u> </u>
Specify:	
- If Other, Specify	
- Design defect	
- Previous damage	
26. Has one or more pressure test been conducted since original construction	
at the point of the Incident?	
- If Yes:	
Most recent year tested	
Test pressure	
G6 - Equipment Failure - only one sub-cause can be selected from the sh	aded left-hand column
Equipment Failure – Sub-Cause:	
- If Malfunction of Control/Relief Equipment:	
1. Specify:	
- Control Valve	
- Instrumentation	
- SCADA - Communications	
- Communications - Block Valve	
- Check Valve	
- Relief Valve	
- Power Failure	
- Stopple/Control Fitting	
- Pressure Regulator	
- Other	
- If Other, Specify:	
- If Threaded Connection Failure:	
2. Specify: - If Other, Specify.	
- If Non-threaded Connection Fallure:	····
3. Specify:	
- If Other, Specify	
- If Valve:	
4. Specify:	
- If Other, Specify:	
4a. Valve type:	
4b. Manufactured by:	
4c. Year manufactured:	
- If Other Equipment Failure:	
5. Describe:	
G7 - Incorrect Operation - only one sub-cause can be selected from the s	haded left-hand column
Incorrect Operation Sub-Cause:	
- If Other Incorrect Operation; 1. Describe;	
	1

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Complete the following if any Incorrect Operation sub-cause is selected.					
Was this incident related to: (select all that apply)					
- Inadequate procedure					
- No procedure established					
- Failure to follow procedure					
- Other					
- If Other, Describe:					
What category type was the activity that caused the Incident:					
4. Was the task(s) that led to the Incident identified as a covered task in your Operator Qualification Program?					
4a. If Yes, were the individuals performing the task(s) qualified for the task(s)?					
G8 - Other Incident Cause - only one sub-cause can be selected from the shaded left-hand column					
Other Incident Cause – Sub-Cause:					
- If Miscellaneous:					
1. Describe:					
- If Unknown:					
2. Specify:					
- Carana de Carana de					
PART H - NARRATIVE DESCRIPTION OF THE INCIDENT					
On 9/26/16 Kemp Construction, a Contractor for AT&T was performing a 2 inch bore for fiber optic when they struck a 4 inch steel Kansas Gas distribution main pipeline. Kemp did not have valid locates for this area at the time of the incident. On 10/13/16, KGS received an invoice from the contractor that performed the repair work in excess of the \$50,000 threshold.					
PART I - PREPARER AND AUTHORIZED SIGNATURE					
Preparer's Name	Randy Spector				
Preparer's Title	Director Of Engineering				
Preparer's Telephone Number	(913)530-3219				
Preparer's E-mail Address	randy.spector@onegas.com				
Preparer's Facsimile Number					
Authorize Signature's Name	Randy Spector				
Authorized Signature's Title	Director of Engineering				
Authorized Signature's Email Address	randy.spector@onegas.com				

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Appendix C

Kemp Construction Kansas One-Call Tickets

10 pages

RETURN Emall Ticket

Kansas One Call

Ticket No:

16195966

STANDARD

Op:

Op:

Original Call Date: Work to Begin Date: 04/20/16 01:40 pm 04/23/16 12:01 am

ksbrinda ksbrinda

Caller Information

Company Name: Contact Name: Alt. Contact: Caller Address:

KEMP CONSTRUCTION Fax Phone: FRANK CHAMBERS Phone: FRANK'S CELL Alt. Phone:

(316)522-7255 (316)390-0803

612 MULBERRY **DERBY, KS 67037**

Contact Email: tkemp@kempconst.com

Dig Site Information

Type of Work: Explosives: N

PLACEMENT OF MAIN LINE FIBER

Duration: 14 DAYS

Trenchless Excav: N

Work Being Done For:

АТ&Т

Dig Site Location

County: Address: SALINE

Place:

SALINA

Street: Intersecting Street: W MAGNOLIA RD CENTENNIAL RD

Location of Work:

FROM THE EXISTING HANDHOLE AT THE NE CORNER OF THE ABOVE INTERSECTION. MARK GOING E FOR APPROX \$75FT IN THE N RD RIGHT OF WAY OF W MAGNOLIA RD. AT THAT POINT, MARK GOING S ACROSS MAGNOLIA RD TO THE S RD RIGHT OF WAY, THEN MARK THE S RD RIGHT OF WAY OF MAGNOLIA RD GOING E FOR 2420FT TO THE W SIDE OF VIRGINIA ST. AT THAT POINT, MARK GOING N ACROSS MAGNOLIA RD TO THE N RD RIGHT OF WAY OF MAGNOLIA THEN MARK THE N RD RIGHT OF WAY OF MAGNOLIA RD GOING E FOR 2236FT TO 9TH ST.

Remarks:

Map Twp:

148

Rng:

3W

36-NW,35-NW-NE,34-NE,27-SE,26-SW-Sect-Qir;

SE.25-SW

Map Coord NW Lat: 38.7989654

-97.6344215 Lonz

SE Late 38.7973807

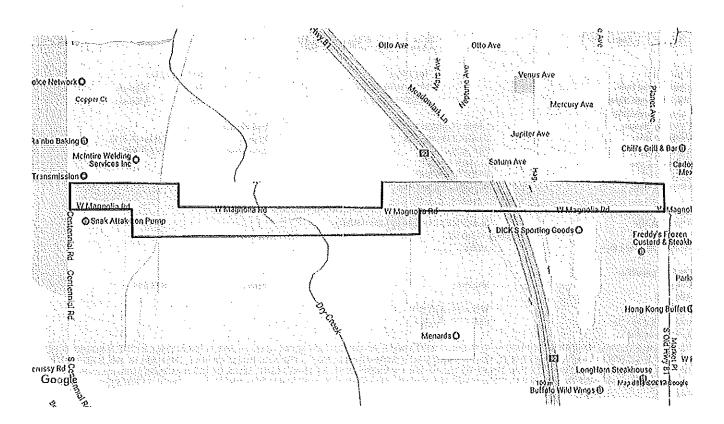
-97.6128049 Lon:

MEMBER INFORMATION:

KANSAS ONE-CALL WILL NOTIFY THE FOLLOWING UNDERGROUND FACILITY OPERATOR(S):

District	Company Name	Business Hours	Status
ATT401	ATT DISTRIBUTION	(800)778-9140	Does not participate in Ticket Check
COXSA01	COX COMMUNICATIONS	(800)778-9140	Does not participate in Ticket Check
DOTLTE01	CENTURYLINK (CTI,CN)	(800)850-9048	Does not participate in Ticket Check
ITSWIOT	ZAYO	(620)899-3937	Does not participate in Ticket Check
KANGASGI	KANSAS GAS SERVICE	(800)778-9140	Does not participate in Ticket Check
KINI06	VERIZON WIRELESS	(620)386-0628	Does not participate in Ticket Check
KPL59	WESTAR ENERGY	(800)778-9140	Does not participate in Ticket Check
NUSTAR01	NUSTAR PIPELINE OPERATING	(316)721-7073	Does not participate in Ticket Check

Interactive Map: Popup Map Hide Map Print Tips Search Map: Enter Street, Address, City, or Placemark and choose from List Locate Polygon



RETURN Emall Ticket

Kansas One Call

Ticket No:

16228501

STANDARD

Update of:

16195966

Update No:

Original Call Date:

05/06/16 10:35 am 05/11/16 12:01 am

Op: Op:

IVR IVR

Work to Begin Date: Caller Information

Company Name:

KEMP CONSTRUCTION FRANK CHAMBERS

Fax Phone: Phone:

(316)522-7255

Contact Name: Alt. Contact: Caller Address:

FRANK'S CELL 612 MULBERRY DERBY, KS 67037 Alt. Phone: (316)390-0803

Contact Email:

tkemp@kempconst.com

Dig Site Information

Type of Work:

PLACEMENT OF MAIN LINE FIBER

Explosives: N

Duration: 14 DAYS

Trenchless Excav: N

Work Being Done For:

АТ&Т

Dig Site Location

County:

SALINE

Place:

SALINA

Address:

W MAGNOLIA RD

Street: Intersecting Street:

CENTENNIAL RD

Location of Work:

FROM THE EXISTING HANDHOLE AT THE NE CORNER OF THE ABOVE INTERSECTION, MARK GOING E FOR APPROX 875FT IN THE N RD RIGHT OF WAY OF W MAGNOLIA RD. AT THAT POINT, MARK GOING S ACROSS MAGNOLIA RD TO THE S RD RIGHT OF WAY, THEN MARK THE S RD RIGHT OF WAY OF MAGNOLIA RD GOING E FOR 2420FT TO THE W SIDE OF VIRGINIA ST. AT THAT POINT, MARK GOING N ACROSS MAGNOLIA RD TO THE N RD RIGHT OF WAY OF MAGNOLIA THEN MARK THE N RD RIGHT OF WAY OF MAGNOLIA RD GOING E FOR 2236FT TO 9TH ST.

Remarks:

Map Twp:

148

38.7989654

3W Rng:

Lon:

-97.6344215

Sect-Qtr:

36-NW,35-NW-NE,34-NE,27-SE,26-SW-

SE,25-SW SE Lat: 38.7973807

-97.6128049 Lon:

Map Coord NW Lat: MEMBER INFORMATION:

KANSAS ONE-CALL WILL NOTIFY THE FOLLOWING UNDERGROUND FACILITY OPERATOR(S):

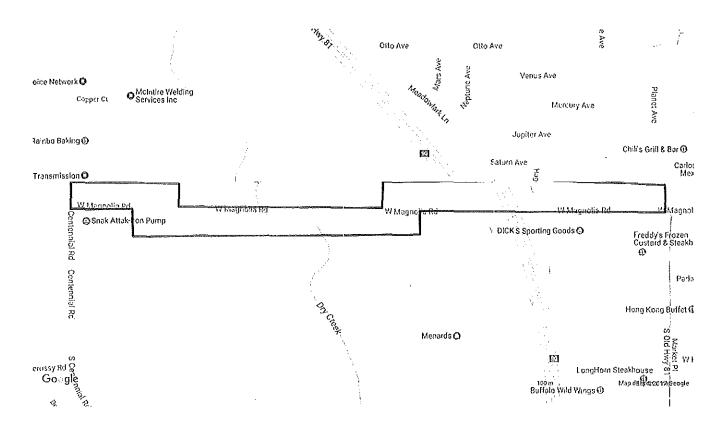
District	Company Name	Business Hours	Status
ATT401	ATT DISTRIBUTION	(800)778-9140	Does not participate in Ticket Check
COXSA01	COX COMMUNICATIONS	(800)778-9140	Does not participate in Ticket Check
DGTLTL01	CENTURYLINK (CTLCN)	(800)850-9048	Does not participate in Ticket Check
ITSWI01	ZAYO	(620)899-3937	Not yet responded
KANGAS61	KANSAS GAS SERVICE	(800)778-9140	Does not participate in Ticket Check
KINI06	VERIZON WIRELESS	(620)386-0628	Does not participate in Ticket Check
KPL59	WESTAR ENERGY	(800)778-9140	Does not participate in Ticket Check
NUSTAROI	NUSTAR PIPELINE OPERATING	(316)721-7073	Does not participate in Ticket Check

Interactive Map: Popup Map | Hide Map | Print Tips

Does not participate in Ticket Check

Locate Polygon

Search Map: Enter Street, Address, City, or Placemark and choose from List



RETURN Email Ticket

Kansas One Call

Ticket No:

16263852

STANDARD

Update of:

16228501

Update No:

2

Original Call Date:

05/26/16 08:03 am 06/01/16 12:01 am Op: Op: IVR IVR

Work to Begin Date: Caller Information

Company Name: Contact Name:

KEMP CONSTRUCTION FRANK CHAMBERS FRANK'S CELL 612 MULBERRY **DERBY, KS 67037**

Fax Phone: Phone:

(316)522-7255

Alt. Phone:

(316)390-0803

Caller Address: Contact Email:

Alt. Contact:

tkemp@kempconst.com

Dig Site Information

Type of Work: Explosives: N

PLACEMENT OF MAIN LINE FIBER

Duration: 14 DAYS

Trenchless Excav: N

Work Being Done For:

AT&T

Dig Site Location

County:

SALINE

Place:

SALINA

Lon:

-97,6128049

Address:

Street: Intersecting Street: W MAGNOLIA RD

-97.6344215

CENTENNIAL RD Location of Work:

FROM THE EXISTING HANDHOLE AT THE NE CORNER OF THE ABOVE INTERSECTION. MARK GOING E FOR APPROX 875FT IN THE N RD RIGHT OF WAY OF W MAGNOLIA RD. AT THAT POINT, MARK GOING S ACROSS MAGNOLIA RD TO THE S RD RIGHT OF WAY, THEN MARK THE S RD RIGHT OF WAY OF MAGNOLIA RD GOING E FOR 2420FT TO THE W SIDE OF VIRGINIA ST. AT THAT POINT, MARK GOING N ACROSS MAGNOLIA RD TO THE N RD RIGHT OF WAY OF MAGNOLIA THEN MARK THE N RD RIGHT OF WAY OF MAGNOLIA RD GOING E FOR 2236FT TO 9TH ST.

SE Lat:

Remarks:

Map Twp:

14S

38,7989654

Rng: Lon:

3W

Sect-Qtr:

36-NW,35-NW-NE,34-NE,27-SE,26-SW-

SE,25-SW 38,7973807

Map Coord NW Lat:

MEMBER INFORMATION: KANSAS ONE-CALL WILL NOTIFY THE FOLLOWING UNDERGROUND FACILITY OPERATOR(S):

District Company Name ATT DISTRIBUTION ATT401 COXSA01 COX COMMUNICATIONS

CENTURYLINK (CTLCN) DGTLTL01 ZAYO ITSWI01 KANGAS61 KANSAS GAS SERVICE

Interactive Map: Popup Map | Hide Map | Print Tips

KINI06 VERIZON WIRELESS KPL59 WESTAR ENERGY NUSTAR01 NUSTAR PIPELINE OPERATING

Business Hours (800)778-9140

(800)778-9140

(800)850-9048

(620)899-3937

(800)778-9140

(620)386-0628

(800)778-9140

Status Does not participate in Ticket Check Marked

Does not participate in Ticket Check

Not yet responded Marked

Clear/No conflict

(316)721-7073 Does not participate in Ticket Check

Search Map: Enter Street, Address, City, or Placemark and choose from List

Locate Polygon

RETURN Email Ticket

Kansas One Call

Ticket No:

16291325

Update of:

16263852

STANDARD

Update No: Original Call Date:

06/09/16 12:10 pm 06/14/16 12:01 am IVR

Work to Begin Date: Caller Information

Op: Op: IVR

Company Name: Contact Name:

KEMP CONSTRUCTION FRANK CHAMBERS FRANK'S CELL 612 MULBERRY

Fax Phone: Phone: Alt. Phone:

(316)522-7255 (316)390-0803

Alt. Contact: Caller Address:

DERBY, K\$ 67037

Contact Email:

tkemp@kempconst.com

Dig Site Information

Type of Work:

PLACEMENT OF MAIN LINE FIBER

Explosives: N Work Being Done For: Duration: 14 DAYS

Trenchless Exeav: N

АТ&Т

Dig Site Location

County: Address: SALINE

Place:

SALINA

Street: Intersecting Street: W MAGNOLIA RD CENTENNIAL RD

-97.6344215

Location of Work:

FROM THE EXISTING HANDHOLE AT THE NE CORNER OF THE ABOVE INTERSECTION, MARK GOING E FOR APPROX 875FT IN THE N RD RIGHT OF WAY OF W MAGNOLIA RD. AT THAT POINT, MARK GOING S ACROSS MAGNOLIA RD TO THE S RD RIGHT OF WAY, THEN MARK THE S RD RIGHT OF WAY OF MAGNOLIA RD GOING E FOR 2420FT TO THE W SIDE OF VIRGINIA ST. AT THAT POINT, MARK GOING N ACROSS MAGNOLIA RD TO THE N RD RIGHT OF WAY OF MAGNOLIA THEN MARK THE N RD RIGHT OF WAY OF MAGNOLIA RD GOING E FOR 2236FT TO 9TH ST.

Remarks:

Map Twp:

118

38.7989654

Company Name

Rugt

Lon:

3W

Sect-Qtra

36-NW,35-NW-NE,34-NE,27-SE,26-SW-

SE,25-SW SE Lat: 38.7973807

Business Hours

-97.6128049 Lon:

Map Coord NW Lat: MEMBER INFORMATION:

KANSAS ONE-CALL WILL NOTIFY THE FOLLOWING UNDERGROUND FACILITY OPERATOR(S):

District ATT401 COXSA01

DGTLTL01

KANGAS61

ITSWI01

KINI06

ATT DISTRIBUTION COX COMMUNICATIONS CENTURYLINK (CTLCN) ZAYO

(800)778-9140 (800)778-9140 (800)850-9048 (620)899-3937 Marked Marked Does not participate in Ticket Check Does not participate in Ticket Check

Marked Clear/No conflict Marked

Status

KPL59 WESTAR ENERGY NUSTAR01 NUSTAR PIPELINE OPERATING (620)386-0628 (800)778-9140 (316)721-7073

(800)778-9140

Does not participate in Ticket Check

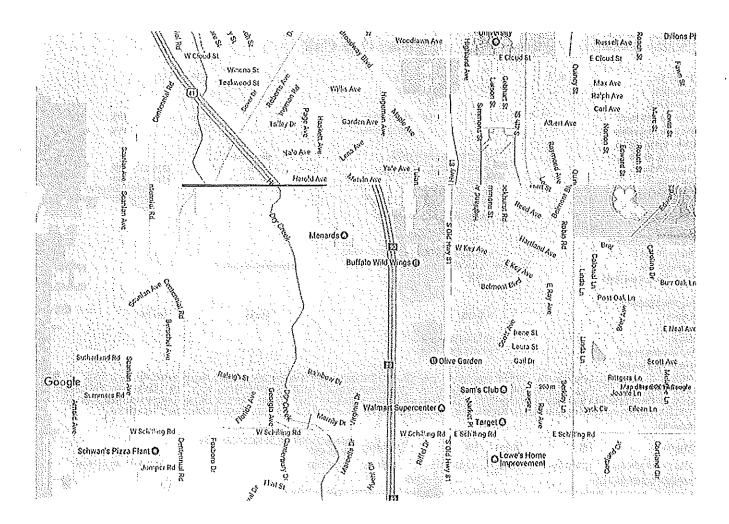
Interactive Map: Popup Map | Hide Map | Print Tips

Search Map: Enter Street, Address, City, or Placemark and choose from List

KANSAS GAS SERVICE

VERIZON WIRELESS

Locate Polygon



Locate Polygon

RETURN Email Ticket

Kansas One Call

16325913 STANDARD Ticket No:

16291325 Update of: Undate No:

Original Call Date: 06/28/16 06:58 am Op: IVR Work to Begin Date: 07/01/16 12:01 am Op: IVR

Caller Information

Company Name: KEMP CONSTRUCTION Fax Phone: FRANK CHAMBERS Contact Name: (316)522-7255 Phone: Alt, Confact: FRANK'S CELL Alt. Phone: (316)390-0803 612 MULBERRY

Caller Address; **DERBY, KS 67037**

Contact Email: tkemp@kempconst.com

Dig Site Information

PLACEMENT OF MAIN LINE FIBER Type of Work:

Duration: 14 DAYS Explosives: N Trenchless Excav: N

Work Being Done For: AT&T

Dig Site Location

SALINE SALINA County: Place:

Address: W MAGNOLIA RD Street: CENTENNIAL RD Intersecting Street:

Location of Work:

FROM THE EXISTING HANDHOLE AT THE NE CORNER OF THE ABOVE INTERSECTION, MARK GOING E FOR APPROX 875FT IN THE N RD RIGHT OF WAY OF W MAGNOLIA RD. AT THAT POINT, MARK GOING S ACROSS MAGNOLIA RD TO THE S RD RIGHT OF WAY, THEN MARK THE S RD RIGHT OF WAY OF MAGNOLIA RD GOING E FOR 2420FT TO THE W SIDE OF VIRGINIA ST. AT THAT POINT, MARK GOING N ACROSS MAGNOLIA RD TO THE N RD RIGHT OF WAY OF MAGNOLIA THEN MARK THE N RD RIGHT OF WAY OF MAGNOLIA RD GOING E FOR 2236FT TO 9TH ST.

Remarks:

36-NW,35-NW-NE,34-NE,27-SE,26-SW-Map Twp: 148 3W Sect-Qir: Rng: SE,25-SW

Map Coord NW Lat: 38.7989654 Lon: -97.6344215 SE Lat: 38.7973807 Lon: -97,6128049

MEMBER INFORMATION:

KANSAS ONE-CALL WILL NOTIFY THE FOLLOWING UNDERGROUND FACILITY OPERATOR(S):

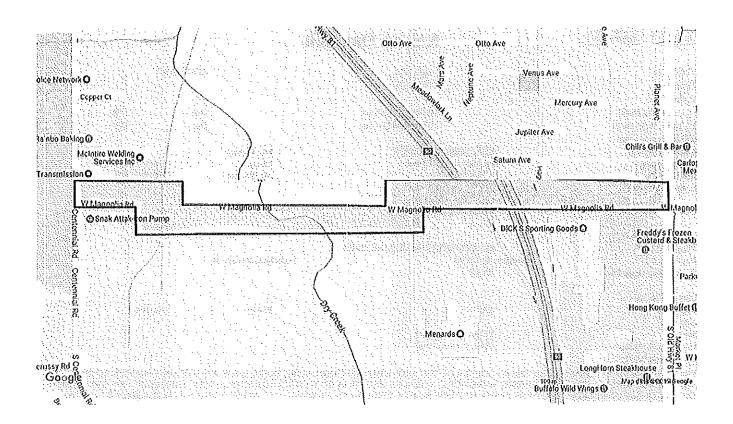
District Company Name **Business Hours** Status ATT401 ATT DISTRIBUTION (800)778-9140 Marked COX COMMUNICATIONS (800)778-9140 COXSA01 Marked (800)850-9048 DGTLTL01 CENTURYLINK (CILCN) Does not participate in Ticket Check **ITSWIOI** ZAYO (620)899-3937 Does not participate in Ticket Check

KANGAS61 KANSAS GAS SERVICE (800)778-9140 Marked KINI06 VERIZON WIRELESS (620)386-0628 Clear/No conflict WESTAR ENERGY (800)778-9140 Clear/No conflict KPL59

NUSTAR01 NUSTAR PIPELINE OPERATING (316)721-7073 Does not participate in Ticket Check

Interactive Map: Popup Map Hide Map Print Tips

Search Map: Enter Street, Address, City, or Placemark and choose from List



RETURN Email Ticket Kansas One Call STANDARD Ticket No: 16438612 Original Call Date: 08/26/16 02:41 pm Opt ksjared 08/31/16 12:01 am Work to Begin Date: Opt ksjared Caller Information KEMP CONSTRUCTION Company Name: Fax Phone: Contact Name: FRANK CHAMBERS Phone: (316)522-7255 FRANK'S CELL (316)390-0803 All. Contact: Alt. Phone: Caller Address: 612 MULBERRY **DERBY, KS 67037** Contact Email: tkemp@kempconst.com Dig Site Information PLACING FIBER MAIN Type of Work: **Duration: 6 DAYS** Trenchless Excav: Y Explosives: N Work Being Done For: ATT Dig Site Location SALINE Place: SALINA County: Addressi Street: W MAGNOLIA RD Intersecting Street: S 9TH ST Location of Work; FROM THE MANHOLE IN THE INTERSECTION OF 9TH AND MAGNOLIA, MARK GOING W IN THE N RIGHT OF WAY OF MAGNOLIA FOR 850FT. Remarks: Map Twp: 148 Rugi 3W Sect-Qtrt 36-NW,35-NE,26-SE,25-SW Map Coord NW Lat: 38.7986888 -97,6163120 SE Lat: 38.7975964 -97,6120520 Lon: Lon: MEMBER INFORMATION: KANSAS ONE-CALL WILL NOTIFY THE FOLLOWING UNDERGROUND FACILITY OPERATOR(S): District Company Name **Business Hours** Status ATT401 ATT DISTRIBUTION (800)778-9140 Marked COXSA01 COX COMMUNICATIONS (800)778-9140 Marked ITSWIOI ZAYO (620)899-3937 Does not participate in Ticket Check KANSAS GAS SERVICE (800)778-9140 KANGAS61 Marked **WESTAR ENERGY** (800)778-9140 KPL59 Clear/No conflict Interactive Map: Popup Map | Hide Map | Print Tips Locate Polygon Search Map: Enter Street, Address, City, or Placemark and choose from List Coyote Conyon ... Star Dr g W Magnolia R W Magnolia Rd E Magnolia Ro 5 DICK'S Sporting Goods 🔇 Americas Best Value inn Marshalls 🕲 Hobby Lobby 🔇 ģ, Рацауау Ауа W Parkway Ave Mid State Plaza 🕲 Schlotzsky's 🚯 Dollar Tree Tenergicies (1) Hong Kong Builet Petco Animal Supplies 10 22 Big Lots 🖒 9th St $17 n_{3y} n_{10}$ Google Man dätz 600 filosooyle 50 m

CERTIFICATE OF SERVICE

17-KGSG-218-GIP

I, the undersigned, certify that a true and correct copy of the above and foregoing Notice of Filing of Staff's Report and Recommendation was served by electronic service on this 20th day of June, 2017, to the following:

ROBERT VINCENT, LITIGATION COUNSEL KANSAS CORPORATION COMMISSION 1500 SW ARROWHEAD RD TOPEKA, KS 66604-4027 Fax: 785-271-3354 r.vincent@kcc.ks.gov DAVID N. DITTEMORE, MANAGER OF RATES & ANALYSIS KANSAS GAS SERVICE, A DIVISION OF ONE GAS, INC. 7421 W 129TH ST OVERLAND PARK, KS 66213-2713 Fax: 913-319-8622 david.dittemore@onegas.com

JUDY JENKINS, MANAGING ATTORNEY
KANSAS GAS SERVICE, A DIVISION OF ONE GAS, INC.
7421 W 129TH ST
OVERLAND PARK, KS 66213-2713
Fax: 913-319-8622
judy.jenkins@onegas.com

Pamela Griffeth

Pamela Griffeth Administrative Specialist