060.14550

PURPOSE AND NECESSITY

2009.08.14 15:57:13 **1**Kansas Corporation Commission /S/ Susan K. Duffy

Name of Project : 1	32nd St. main replac	ement			Date:	7/13/2006
Town: Olathe	Regio			Location		& Lakeshore Dr.
PROJECT DESCRIPT	TION: Public Improv	ement (GSRS)				
Replace 2400 ft. of 2 is	n. dupont with 2 in. p	e				
			Build	aniect	As Sus	to integent
2400 ft of 2 in. 2406 pe	e pipe			(1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	· · ·	/
			· · · · · · · · · · · · · · · · · · ·	Person	m B.	
Tax # 80331	Johnson County	STR 29		Town # 36		ressure 40/40
Footage 2400	Size 2	Type pe	Del.Press.	X	R-O-W ×	Public Private
Projected Load:	Annual	MCF	Hourly		MCF	MAOP: 60
Normal Operating Pro	essure: 40			Estimated	Project Cost:	
<u> </u>	Project Life :	YRS. NPV			RR %	Crew Company or Contract
Aid in Construction:		¬'''` '''' 	Additio	onal information, (flow		
Non-Refundable		Drive	Addition		studies, Design, a	File Name
Contract Type:	o Continuations			37		The Maine
Contract Amount:	······································	-				
Contract Date:			Any addition	al comments place in	Drive Folder & F	ile listed above
Contract signed by:	· · · · · · · · · · · · · · · · · · ·	Date Work	raiy addition			Related to this P&N:
Request/Task No.:		is Requested:	7/13/2006		Other I reject (s)	Tolatou to tillo I cit.
PROJECT MANAGER	<u> </u>	Jerry Barrios	77.107.200			
APPROVALS:						
Initiator: David M.	Huggins			Da	ate: 7/13/200	06
Comments PLEASE		PROVAL				
Recommend Appro				Da	ate: 7/13/20	06
Comments Technical		•				— —
						
Recommend Appro	val: Bryan Masku	s		Da	ate: 7/13/20	06
Comments						
		· · ·	,		 	
Recommend Appro	val:			Da	ate:	
Comments						
December of Annual				Dε	ate:	
Recommend Appro	vai:					
Recommend Appro	val ·	· · · · · · · · · · · · · · · · · · ·		Da	ate:	
	Vai .					·
Recommend Appro	val ·			Da	ate:	
Comments	· · · · · · · · · · · · · · · · · · ·				-	
Recommend Appro	val :	····	······································	Da	ate:	
Comments	· ··· · · - · · · · · · · · · · · · · ·					
Recommend Approv	val : Mike DeArmo	ond		Da	ate: 7/19/200	06
Comments		 				
a [14] [1] [1] [1] [1] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2	N				Date:	7/13/2006
FINAL APPROVA					. Date.	111012000
Comments Existing	nine has excessiv	re leakade				

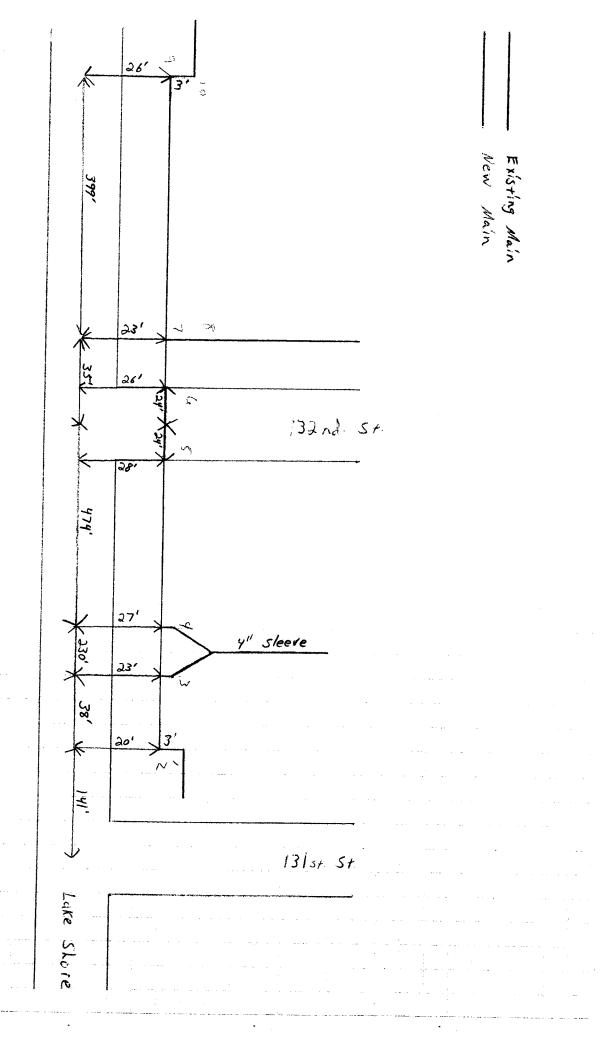
	Construction Survey	# FWO ALMS	SSD No: 247328
General Date: 12	1 12 1 2006 By:	JEFF Lewis	Emp ID #: 10949
Property Tax Code:	033/ Tax Unit:	5 313 Map #:	29-13-23
Town Name:	2/AHC	Town Number: 369	Division: 8/
Address / Location:	2nd + LACK. Stor	e DR	·
Service Performed:	Ain replacement	Zip:	State: K <
County/Parish: Jo	School District:	Cross Re	ef#: 14556
Area: ICL OCL P	Pipeline #: 3760 - 3	369 Oracle Proje	et #:
For Irrigation Or Rural Irrigation	on Only:		
Line Name:	Section:	Block:	Survey:
	System Type:		Cover:
1. Distribution	3. Irrigation 5. Gathering	1. Dirt 3. Asphalt	5. Rock 7. Other
2. Rural Distribution	4. Transmission 6. Storage	2. Brick 4. Concrete	6. Liquid
	system MAOP (psig)	Approxima	te Pipe Depth (inches)
Leak Found: Date Fo	ound://		
Leak Survey No:		Leak Order No:	BANK SPANNER WATER COMMISSION CONTRACTOR CON
Time Found:	am / pm Time Classified:	am / pm Leak Grade	
Apparent Location: 1. Main 4. Riser	Approx Distance to	Population Density: ercial - Dense 4. Residential - Light	Service Risers: 1. Without Outside Riser (Vault)
 Main Riser Service Yard Line 		ercial - Light 5. Rural - Class 1, 2	2. Adjacent to Building (within 10')
3. Meter Loop 6. Other		ential - Dense 6. Rural - Class 3, 4	3. Away from Building (over 10')
Magnitude of CGI Indication:	1 1	ments:	
% Gas % LEL	i. Above 2. Level 3. Below		
Third Party	Damage / Billing Information:	Le	ak Re-Evaluation
Third Party Name:			
	D)	ID#	Date Grade %Gas %LEL
Contact Name:	Phone:		
Type of Work:	Reason Damage Occu	rred:	
1. Sewer 7. Drainage	1. No Notification 5. Improp	er Job Location	
2. Water 8. Landscaping	2. Locate Issues 6. Failure	to Hand Expose	
3. Electric 9. Irrigation	3. Insufficient Locate Time 7. Deliber	ate	
4. Telephone 10. Fencing 5. TV/Cable 11. Poles / Signs	4. Third Party Carelessness 8.		
6. Road Const. 12.	Damaging Equipment:		
Located By:	Employee / Contractor	Locate Ticket #:	
Line Pressure: (psig)	Discharge Time:(min)	njuries or Deaths: yes / no	Damage to Property: yes / no
Leak Area:in ²	Locate Markings Within State Law: ye	s / no -attach a copy of the locate	ticket for all third party damage incidents-
rawing for Posting to Maps:			
North:			
	. 		
	<u> </u>	-attach	additional pages for drawing when necessary-

, •

Leak Repaired:		Repaired B	y:		Empl	loyee ID#
Repair Date://	,	Welding By				loyee ID#
Facility Involved:		of Leak:	y:			Initial Cause:
1. Main 4. Yard Line	1. Pipe 5. Drip		9. Longitudinal Wel	d	1. Corresion	4. Material Defect
2. Service 5. Riser	2. Valve 6. Reg		10. Clamp		2. Outside Force	5. Other
3. Meter Loop 6. Other	3. Tap 7. Com	npressor		*.	3. Construction Def	fect 6. Third Party
	4. Fitting 8. Girt	h Weld				
Miscellaneous:		Number of L	eaks Repaired:	_		Type of Pipe:
Duplicate Order 4. Not Nature	al Gas	Co. S	fain		1. Coated Steel	4. PE
2. Customer's Line 5. No Leak F	ound	On S	ervice		2. Bare Steel	5. PVC
3. Other Company					3. Cast Iron	6. Other:
Type of Coating:			tion of Coating:	-	Estima	ted Year of Installation:
1. Bare 4. Mill Wrap		Excellent	3. Poor		1. Before 1930	4. 1970 - 1989
2. Hot Coated 5. Other:	2.	Fair	4. Disbonded		2. 1930 - 1949	5. 1990 - Present
3. Thin Film (Epoxy)					3. 1950 - 1969	6. Unknown
Cathodic Protection:			Visual Inspection	n: Yes	-	oheric Corrosion: Yes / No
External Corrosion:	Internal Co	orrosion:	Area:		Section:	
1. None 3. Severe	1. None 3. Severe		P/S Before		P/S After:	
2. Slight Pit Depth: (if available)	2. Slight Pit Depth:	(if available)	P/S Before	e: <u></u>	P/S After:	main / service
Pressure Test:					_	5
LACL "	ration: / t		lium: gas air l		oaped: ve / no	MAOP: 80° psig
Service: psig Dur	ration: hrs / r	nin Med	lium: gas/air/l	H ₂ O S	oaped: yes/no	MAOP:psig
Residual Gas: yes / no Con	mments:				······································	
Install Remove	Materials	M/S	Install	Remove	Mat	terials M/S
1 2.06	/ec			 		
2 600	5/26			ļ		
2 Cons	Hab cap					
3 211	- rockices		<u> </u>			
3 281 2	- FIAP	-				
		-	-			
Functional / Task Main - 0	Work				V	Vall Length
Number: Service - #	Code	Size	Material	Сорр	er-l Thie	kness of Pipe
01202 0	2 Out - 1	03	_4			16 2,166
01201 0	2 Out - 1 In - 2	02	4	PVC	3-3 2 1	16 2,166
				PE	-4	19 4/78
120/25 0	New - 3 Rem - 4	91	4	ABS	S-5 Z	19 4178
		- white		Othe		<u>*</u>
				Cast I		
Gas Loss Calculation: CCF Lost	X =	Cost of	Gas Lost	Bare U	•	
				Bare P		Office Use Only:
Labor Hours	Hours	Equipm	ent Used	Hours	Labor:	
Emp ID:		it #:			Overtime:	
JOFF LOW'S					Clerical:	
Austin Kerly					Administr	ative:
Rob Chancellor			· · · · · · · · · · · · · · · · · · ·		Material:	
Josh Wingy					Associate	d Cost:
					Equipmen	it Cost:
Contractor Labor:					Contracto	r Cost:
					Gas Loss:	
Total		To	tal	L		otal
Completed By: Jeff Le	Date: /	2-12-0	6 Entered By	:		Date:
	_			***************************************		Date:
Reviewed By:	Date:		Tech Service			
Approved By:	llit_Date: 1-	3-07	Maps Update	ed:		Date:

LAKE.Shor SSD No: ☐ ALMS General Date: 12/12/2006 Emp ID#: Miller By: MATO Map #: 29 13 Property Tax Code: 80331 Tax Unit: Town Name: Town Number: Division: Address / Location: Zip: State: School District: Cross Ref#: County/Parish: Area: (ICL)/ OCL 3760 Oracle Project #: 060) Pipeline #: For Irrigation Or Rural Irrigation Only: Line Name: Block: Section: Survey: System Type: Cover: 1. Distribution 5. Gathering 1. Dirt 5. Rock 7. Other 3. Irrigation 3. Asphalt 2. Rural Distribution 4. Transmission 6. Storage 2. Brick 4. Concrete 6. Liquid 36 80 System MAOP (psig) Approximate Pipe Depth (inches) Leak Found: Date Found: Leak Survey No: Leak Order No: Time Classified: Leak Grade: Time Found: am/pm am / pm **Apparent Location:** Approx Distance to Population Density: Service Risers: 1. Main 4. Riser Nearest Bldg (ft): 1. Commercial - Dense 4. Residential - Light 1. Without Outside Riser (Vault) 5. Rural - Class 1, 2 5. Yard Line 2. Commercial - Light 2. Adjacent to Building (within 10') 2. Service 3. Away from Building (over 10') Grade of Nearest 3. Meter Loop 6. Other 3. Residential - Dense 6. Rural - Class 3, 4 **Building to Main:** Magnitude of CGI Indication: Comments: % LEL 1. Above 2. Level 3. Below Leak Re-Evaluation Third Party Damage / Billing Information: Third Party Name: Employee Third Party Address: ID# Date Grade %Gas %LEI Phone: Contact Name: Type of Work: Reason Damage Occurred: 1. Sewer 7. Drainage 1. No Notification 5. Improper Job Location 2. Water 8. Landscaping 6. Failure to Hand Expose 2. Locate Issues 3. Insufficient Locate Time 3. Electric 9. Irrigation 7. Deliberate 10. Fencing 4. Third Party Carelessness 4. Telephone 5. TV/Cable 11. Poles / Signs 6. Road Const. Damaging Equipment: Located By: Employee / Contractor Locate Ticket #: Line Pressure: (psig) (min) Damage to Property: Discharge Time: Injuries or Deaths: yes / no in^2 Locate Markings Within State Law: Leak Area: yes / no -attach a copy of the locate ticket for all third party damage incidents-Drawing for Posting to Maps: North: -attach additional pages for drawing when nec

Look Pongivada							El ID#	· · · · · · · · · · · · · · · · · · ·
Leak Repaired:			epaired By:				Employee ID#	
Repair Date://	<u> </u>	w	elding By:			· · · · · · · · · · · · · · · · · · ·	Employee ID#	
Facility Involved:		Origin of l	Leak:				Initial Ca	use:
1. Main 4. Yard Line	1. Pipe	5. Drip	9.	Longitudinal Wel	d	1. 0	Corrosion	4. Material Defect
2. Service 5. Riser	2. Valve	6. Regulato	or 10.	Clamp		2. (Outside Force	5. Other
3. Meter Loop 6. Other	3. Tap	7. Compres	sor			3. 0	Construction Defect	6. Third Party
	4. Fitting	8. Girth We	əld				<u></u>	
Miscellaneous:		Nun	aber of Lea	ks Repaired:	_		Type of P	ipe:
Duplicate Order 4. Not Natura	l Gas		On Mai	n	-	1. 0	Coated Steel 4. PE	
2. Customer's Line 5. No Leak F	ound		On Serv	rice		2. F	Bare Steel 5. PVC	
3. Other Company			_			3. 0	Cast Iron 6. Other	:
Type of Coating:			Conditio	n of Coating:			Estimated Year of	Installation:
l. Bare 4. Mill Wrap		1. Exce		3. Poor	-	1. F	Sefore 1930 4. 1	970 - 1989
2. Hot Coated 5. Other:		2. Fair		4. Disbonded		2. 1	930 - 1949 5. 1	990 - Present
3. Thin Film (Epoxy)						3. 1	950 - 1969 6. T	Jnknown
Cathodic Protection:			Vi	sual Inspection	n: Vec	/ No	Atmospheric Corre	osion: Yes / No
					. 163	/ 140	-	103 / 110
External Corrosion:		nternal Corro	osion:	Area:	 		Section:	
1. None 3. Severe		3. Severe		P/S Before			P/S After:	main / service
2. Slight Pit Depth: (if available)	2. Slight	Pit Depth:	(available)	P/S Before	»: <u> </u>	•	P/S After:	main / service
		`						
Service: psig Dur	ation: 24 ation:	/ first min hrs / min		em: gas/air/l			yes / no MAOP: MAOP:	psig psig
	Matariala		M/S	Install	Remove		Materials	M/S
Install Remove	Materials		[VI / 3	Ilistali	Remove		Macriais	
$1/2$ $2^{\prime\prime}$ ρe	MAIN_		 					
a re	70	. (11.0	0-	 				
2		addles	FE					
d pe	In Line	17e	 					
1161' TRACET	WITE		 				- w	
230: 4"Pe (CASing i	11/200						
230° 4"Pe (-431.1g	<u> </u>						
	Want		Li		<u></u>		Wall	Length
Functional / Task Main - 0	Work Code		Size	Material	Сорр	ar - 1	Thickness	of Pipe
Number: Service - #	Code	0.4.1	Size	14190011991	Stee			
0/202 0	<u>Z</u>	Out - I In - 2	02	4	PVC			1182
0/102 0	1	In - 2 New - 3	02	2	PE			1116
	-	Rem - 4	<u>~</u> <u>~</u>	ــــــــــــــــــــــــــــــــــــــ	ABS			
		AGIII - 4			Othe			
					Cast Ir			
Gas Loss Calculation:	X	=			Bare U			
CCF Lost	— ^ Unit (Cost	Cost of Ga	s Lost	Bare P	-		
							Office Use C	Only:
Labor Hours	Hours		Equipmen	t Used	Hours	\neg	Labor:	
Emp ID:	11/41/	Unit #:					Overtime:	
спр го.		- Intil				_	Clerical:	
		 				7	Administrative:	
						\dashv	Material:	
	———					7	Associated Cost:	
						\dashv	Equipment Cost:	
Contractor Labor:					-	\neg	Contractor Cost:	
Congacion Labor.						\dashv	Gas Loss:	
Total			Tota	ıl		┪	Total	
							<u></u>	
Completed By: matt week	Lause D	ate: 12-	12-06	Entered By	: <u> </u>		Date	:
Reviewed By:	-	ate:		Tech Service	s:		Date	:
							D. 4.	
Approved By:	D	ate:		Maps Update	ea:		Date	·



Name of Project: 435 & 69 Hwy	North Side Storm	Sewer			Date:	4/26/2007	
Town: Overland Park	Region: KAN	NSAS		Location:	Same		
PROJECT DESCRIPTION:							
Relocate approximately 20' of 3" st	eel pipe to clear sto	orm sewe	er on road pr	oject.		,	

	······································					· · · · · · · · · · · · · · · · · · ·	
		······································					
			······································			·	
Footage 20' Size	3" Type St	eel	Del.Press.	x R	-O-W	Public	Private
Projected Load: Annual		CF	Hourly		MCF	MAOP:	60
Normal Operating Pressure:	55		,	Estimated Pro		\$	6,939.26
ROE: % Project Life	: YRS.	NPV		IRR	%	Crew Company Contract	or NPL
Aid in Construction			Addi	tional information, (flo			
Non-Refundable Contribu	tions	Drive		Folder		File Name	
Contract Type:							
Contract Amount:							
Contract Date:			Any addition	nal comments place	in Drive, Fold	er, & File listed abov	/e
Contract signed by:	Date W	ork/		Oth	er Project (s) Related to this Pa	šN:
Request/Task No.:	is Requ	uested:	ASAP			15311	
PROJECT MANAGER:	Mike Talkir	ngton -					······································
APPROVALS:							·
Initiator: YUNGHANS				Date:	4/26/200	7	
Comments PLEASE REVIEW		***					
Recommend Approval: Allen	Spaur			Date:	4/26/200	7	,
Comments Technical review cor							
							
Recommend Approval:				Date:			
Comments							
Recommend Approval:				Date:			
Comments							
Recommend Approval:				Date: _			
Comments							
Recommend Approval :				Date: _			
Comments							· · · · · · · · · · · · · · · · · · ·
Recommend Approval :				Date: _	<u> </u>		
Comments	· · · · · · · · · · · · · · · · · · ·						
Recommend Approval :				Date:_			
Comments							
Recommend Approval :				Date: _			
Comments							
FINAL APPROVAL Mich	ael Talkingto	n			Date:4/	26/2007	
Comments							

Atmos En	ergy - C	onstruction Surv	vey	☐ FWO	ALMS	SSD N	io: 24	6448
		27/2007		NPL		E	mp ID #:	
Property Tax Code		Tax U			Мар	#:		
Town Name:	24	no Park		Town Nu			vision: 8	1
Address / Location		69 Hiway	· · · · · · · · · · · · · · · · · · ·			- 1		
Service Performed	" <u>" </u>	Main for Himo	(+_(C	Zip:		State:	5
County/Parish:	~ <u>comar</u>	School Distri		774W-24		s Ref#:		- 5
Area: ICL / OC		peline #: 3740)	Oracle P	roject#: 06	04 153	11
For Irrigation Or								
Line Name:			Section:		Block:		Survey:	
		System Type:		1		Cover:	····	
1. Distribution	on 3	3. Irrigation 5. Gatherin	ug	1. Dirt	3. Asphalt	5. Rock	7. Othe	er
2. Rural Dist		4. Transmission 6. Storage		2. Brick	4. Concrete	6. Liquid		,
80		stem MAOP (psig)		40.	Approx	imate Pipe Dep	th (inches)	
Leak Found	: Date For	ound://						
Leak Survey				Leak Orde				
· · · · ·	······································			am / pm		rade: 1	2 3 Service R	4
<u> </u>	t Location: 4. Riser	Approx Distance to Nearest Bldg (ft):		rcial - Dense	tion Density: 4. Residential - Lig	tht 1. Witi	hout Outside Riser	
	5. Yard Line	Acarest Daig (II):	2. Commer		5. Rural - Class 1,	•	acent to Building (. ,
	6. Other	Grade of Nearest	3. Resident	tial - Dense	6. Rural - Class 3,	3. Awa	y from Building (over 10')
Magnitude of CG	I Indication:	Building to Main:	Comm	nents:				
% Gas	%LEL	1. Above 2. Level 3. Bel						
Th	ird Party L	Damage / Billing Info	rmation:			Leak Re-E	valuation	
Third Party Name:					Employee	75.4	C d- 0/	C MIEI
	ss:	Phone:			ID#	Date	Grade %	Gas %LEL
Contact Name:	<u></u>	Filone.					·	
Тур	e of Work:	Reason D	amage Occur	red:				
1. Sewer	7. Drainage	1. No Notification		r Job Location		-		
	8. Landscaping	2. Locate Issues		o Hand Expose				
	9. Irrigation 10. Fencing	Insufficient Locate Time Third Party Carelessness	7. Delibera 8.	te	<u> </u>			
•	11. Poles / Signs	4. Into Laty Calciosition	·	****				
	12.	Damaging Equipment:						
Located By:		Employee	/ Contractor	Lo	cate Ticket #:			
Line Pressure:	(psig)	Discharge Time:(m	in) In	juries or Death:	s: yes / no	Damage to	Property: ye	s / no 🗀
Leak Area:	in ²	Locate Markings Within State	Law: yes	/ no -	attach a copy of the l	ocate ticket for all	third party damag	e incidents-
Drawing for Posting t	to Maps:							
Nouth 1								
North:	 							
		.) - ترسود						
		· · · · · · · · · · · · · · · · · · ·						
		· · · · · · · · · · · · · · · · · · ·	· ·					
	· • • • •							
			• • •	• • •		esternatival as		
						· · · · ·		
						iach additional na	N	

Leak Repaired:		Repaired By:			Employee ID#	
Repair Date://		Welding By:			Employee ID#	
Facility Involved:	Origin o				Initial Ca	use:
1. Main 4. Yard Line	1. Pipe 5. Drip	9.	Longitudinal Weld	i 1.	Corrosion	4. Material Defect
2. Service 5. Riser	2. Valve 6. Regula	ator 16.	Clamp	2:	Outside Force	5. Other
3. Meter Loop 6. Other	 Tap 7. Compress 	ressor		3.	Construction Defect.	6. Third Party
	4. Fitting 8. Girth	Weld				
Miscellaneous:	Nt	ımber of Lea	ks Repaired:		Type of P	ipe:
Duplicate Order 4. Not Natural	Gas	On Mair	n .		Coated Steel 4. PE	
2. Customer's Line 5. No Leak For	ind	On Serv	rice	2.	Bare Steel 5. PVC	
3. Other Company				3.	Cast Iron 6. Othe	
Type of Coating:		Conditio	n of Coating:	. L	Estimated Year of	Installation:
1. Bare 4. Mill Wrap		ccellent	3. Poor			1970 - 1989
2. Hot Coated 5. Other:	2. Fa	iir	4. Disbonded			1990 - Present
3. Thin Film (Epoxy)						Jnknown
Cathodic Protection:		Vis	sual Inspection	:: Yes / No	Atmospheric Corre	osion: Yes / No
External Corrosion:	Internal Cor	rosion:	Area:		Section:	
1. None 3. Severe	1. None 3. Severe		P/S Before	:	P/S After:	
2. Slight Pit Depth:	2. Slight Pit Depth:	(if available)	P/S Before	:	P/S After:	main / service
		III available/				
Pressure Test:						
Main: 120 psig Dura			•	H ₂ O Soaped:	•	
Service: psig Dura			mu: gas/air/H	-	yes / no MAOP:	psig
Residual Gas: yes / no Com	ments: wddw	: Ryas	~			
Install Remove	Materials	M/S	Install	Remove	Materials	M/S
20' 3" Stun	·					
4 3" 45 D	مم 3 ال					
17' 3" 51~1						
		-				
		+				
Functional / Task Main - 0	Work		<u> </u>		Wall	Length
Functional / Task Main - 0 Number: Service - #	Code	Size	Material	Copper - 1	Thickness	of Pipe
Number. Service - #	Out - 1	5.20		Steel - 2		•
01103	2 In - 2	03	7	PVC - 3		20
9 8000	New - 3	03	2	PE - 4		12_
	Rem - 4			ABS - 5		
				Other - 6		
				Cast Iron - 7		
Gas Loss Calculation:	X = Unit Cost	Cost of Gar	T - 14	Bare Unpr - 8		
CCF Lost	Unit Cost	Cost of Gar	LOSI	Bare Prot - 9	Office Use C) —)—.
	17	T. arrimma an	t Lood	Hours	Office Use C	/My.
Labor Hours	Hours	Equipmen	t Used	nours	Overtime:	
Emp ID:	Unit i	+.			Clerical:	
					Administrative:	
		 			Material:	
					Associated Cost:	
					Equipment Cost:	
Contractor Labor:					Contractor Cost:	
					Gas Loss:	
Total		Tota			Total	
Completed By: NPL	Date: 4-2	2-67	Entered By:		Date	:
t to late to be no			·		Date	
			Tech Services	* *		
Approved By:	pate:		Maps Updated	d:	Date	:

Name of Project : State Av	e. & K-7 (130 & 12	6)					Date:	8/11/2006	
Town: Bonner Springs	Region:	KAN	ISAS		Locatio	n: s	ame		
PROJECT DESCRIPTION:									
Relocate approximately 200' of	of 4" p.e. and 350'	of 4" s	teel for p	oublic improv	ement. Not rei	mbur	sable it is ir	ROW.	
Footage 550' S	ize 4" Type	e p.e.	&st	Del.Press.	Х	R-	0-W	Public	Privat
Projected Load: Annu		MC	F	Hourly			MCF	MAOP:	
Normal Operating Pressure: <u>APM/</u>		_			Estimated	Proj	ect Cost:		48,523.77
ROE: % Project	: Life : YF	RS.	NPV		IF	RR	%	Crew Company Contract	or :ontract
Aid in Construction		ſ		Addi	tional information				
Non-Refundable Cont	ributions		Drive		Folder	., (File Name	
Contract Type:		l							·
Contract Amount:		ŀ					"		
Contract Date:		ŀ	······	Any addition	nal commente ni	lace in	Drive Fold	er, & File listed abo	
Contract signed by:		ate W	ork	Arry addition	mai comments pi				
Request/Task No.:			ested:	ASAP		Qui	\mathcal{C}_{6}	Related to this P	<u>&N:</u>
PROJECT MANAGER:	Mike I		_	ДОДІ			COU	14604	
APPROVALS:	IVIIKG I	Jeni	nona					· · · · · · · · · · · · · · · · · · ·	
Initiator: YUNGHANS					D=	۱.,	0/44/000	0	
	~\^/				Da	ιe	8/11/200	0	
Comments PLEASE REVIE					5-	4	0/44/000		******
Recommend Approval:			·	<u>. </u>	Da	te:_	8/11/200	<u> </u>	
Comments Technical review	w completed.							· · · · · · · · · · · · · · · · · · ·	
	 								
Recommend Approval:	Prior Maskus						0/4 4/000		
_	oryan waskus				Da	te:	8/14/2006	<u> </u>	
Comments									
	· · · · · · · · · · · · · · · · · · ·			·				·	·
Denominand Assessed	D		<u></u>				0/4//000	<u>_</u>	
Recommend Approval:					Dat	te:	8/14/2006	<u> </u>	
Comments								 	
Pacammend Approval:					D-/				
Recommend Approval:					Dat	ie:	·		
Comments Recommend Approval :					D-4				
					Dat	:e:_			
Recommend Approval :					5.4			·	
· · · · · · · · · · · · · · · · · · ·					Dat	te:			
Comments Recommend Approval :									
• • • • • • • • • • • • • • • • • • • •					Dat	:e:	···		
Comments Annual Annual									—•
Recommend Approval : _					Dat	:e:			
Comments				·					
FINAL APPROVAL	Mike DeArmoi	nd					Date: 8/	15/2006	
Comments									

	85/02	5 4 S	252		
Atmos Energy - C	Construction Survey	∭ Fwo ,	ALMS	SSD No: 2519	57
i	1 30 1 2006 By	. () ^ /	4.25m	Emp ID#: NPC	-
	O/OZ Tax Unit:	040	Map #:	034 5.W. 05-11-23	
Town Name: KANS	SAS CITY KS	Town Nu			
Address / Location:	30th + State	AJE			
Service Performed: Re	Locate 4" i	PE main	Zip:	State:/	
County/Parish:	School District:		Cross Re		
	ipeline #: 3768 -	252	Oracle Proje	ct#: <u>14604</u>	
For Irrigation Or Rural Irrigation Line Name:	•		D. 1	α.	
Line Nanie.	Secti	on:	Block:	Survey:	
1. Distribution	System Type: 3. Irrigation 5. Gathering	1. Dirt	3. Asphalt	Cover: 5. Rock 7. Other	
2. Rural Distribution	4. Transmission 6. Storage	2. Brick	4. Concrete	6. Liquid	
40 s	ystem MAOP (psig)	32	Approxima	te Pipe Depth (inches)	
Leak Found: Date Fo	ound://				
Leak Survey No:		Leak Orde	r No:		
Time Found:	am/pm Time Classified:	am. / pm	Leak Grade	: 1 2 3 4	
Apparent Location:	Approx Distance to		tion Density:	Service Risers:	
Main A. Riser Service Service Service	Trous south (xe).	Commercial - Dense Commercial - Light	4. Residential - Light 5. Rural - Class 1, 2	 Without Outside Riser (Vault) Adjacent to Building (within 1) 	מי
3. Meter Loop 6. Other		Residential - Dense	6. Rural - Class 3, 4	3. Away from Building (over 10')	,
Magnitude of CGI Indication:	Building to Main:	Comments:			
%Gas %LEL	1. Above 2. Level 3. Below Damage / Billing Informat	ion	T	ak Re-Evaluation	
Third Party Name:		1011:	Employee	ak Re-evaluation	
Third Party Address:			ID#	Date Grade %Gas	%LE
Contact Name:	Phone:				
Type of Work:	Reason Damage	Occurred			
1. Sewer 7. Drainage		Improper Job Location		**************************************	
2. Water 8. Landscaping					
	2. Locate Issues 6.	Failure to Hand Expose			
3. Electric 9. Irrigation	3. Insufficient Locate Time 7.	Failure to Hand Expose Deliberate			
4. Telephone 10. Fencing		•			
	3. Insufficient Locate Time 7.	•			
4. Telephone 10. Fencing5. TV/Cable 11. Poles / Signs	 3. Insufficient Locate Time 4. Third Party Carelessness 8. 	Deliberate	cate Ticket #:		
4. Telephone 10. Fencing 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Located By: Line Pressure: (psig)	Insufficient Locate Time 7. Third Party Carelessness 8. Damaging Equipment:	Deliberate		Damage to Property: yes / no	
4. Telephone 10. Fencing 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Located By: Line Pressure: (psig) Leak Area: in ²	3. Insufficient Locate Time 7. 4. Third Party Carelessness 8. Damaging Equipment: Employee / Con	Deliberate tractor Lo Injuries or Deaths	: yes / no	Damage to Property: yes / no ticket for all third party damage incident	· s-
4. Telephone 10. Fencing 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Located By: Line Pressure: (psig)	3. Insufficient Locate Time 7. 4. Third Party Carelessness 8. Damaging Equipment: Employee / Con Discharge Time: (min)	Deliberate tractor Lo Injuries or Deaths	: yes / no		
4. Telephone 10. Fencing 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Located By: Line Pressure: (psig) Leak Area: in ²	3. Insufficient Locate Time 7. 4. Third Party Carelessness 8. Damaging Equipment: Employee / Con Discharge Time: (min)	tractor Lo Injuries or Deaths yes / no	: yes / no		
4. Telephone 10. Fencing 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Located By: Line Pressure: (psig) Leak Area: in ² Drawing for Posting to Maps:	3. Insufficient Locate Time 7. 4. Third Party Carelessness 8. Damaging Equipment: Employee / Con Discharge Time: (min) Locate Markings Within State Law:	tractor Lo Injuries or Deaths yes / no	: yes / no		
4. Telephone 10. Fencing 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Located By: Line Pressure: (psig) Leak Area: in ² Drawing for Posting to Maps:	3. Insufficient Locate Time 7. 4. Third Party Carelessness 8. Damaging Equipment: Employee / Con Discharge Time: (min) Locate Markings Within State Law:	tractor Lo Injuries or Deaths yes / no	: yes / no		
4. Telephone 10. Fencing 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Located By: Line Pressure: (psig) Leak Area: in ² Drawing for Posting to Maps:	3. Insufficient Locate Time 7. 4. Third Party Carelessness 8. Damaging Equipment: Employee / Con Discharge Time: (min) Locate Markings Within State Law:	tractor Lo	yes / no		
4. Telephone 10. Fencing 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Located By: Line Pressure: (psig) Leak Area: in ² Drawing for Posting to Maps:	3. Insufficient Locate Time 7. 4. Third Party Carelessness 8. Damaging Equipment: Employee / Con Discharge Time: (min) Locate Markings Within State Law:	tractor Lo Injuries or Deaths yes / no	yes / no		
4. Telephone 10. Fencing 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Located By: Line Pressure: (psig) Leak Area: in ² Drawing for Posting to Maps:	3. Insufficient Locate Time 7. 4. Third Party Carelessness 8. Damaging Equipment: Employee / Con Discharge Time: (min) Locate Markings Within State Law:	tractor Lo	yes / no		
4. Telephone 10. Fencing 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Located By: Line Pressure: (psig) Leak Area: in ² Drawing for Posting to Maps:	3. Insufficient Locate Time 7. 4. Third Party Carelessness 8. Damaging Equipment: Employee / Con Discharge Time: (min) Locate Markings Within State Law:	tractor Lo	yes / no		
4. Telephone 10. Fencing 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Located By: Line Pressure: (psig) Leak Area: in ² Drawing for Posting to Maps:	3. Insufficient Locate Time 7. 4. Third Party Carelessness 8. Damaging Equipment: Employee / Con Discharge Time: (min) Locate Markings Within State Law:	tractor Lo	yes / no		
4. Telephone 10. Fencing 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Located By: Line Pressure: (psig) Leak Area: in ² Drawing for Posting to Maps:	3. Insufficient Locate Time 7. 4. Third Party Carelessness 8. Damaging Equipment: Employee / Con Discharge Time: (min) Locate Markings Within State Law:	tractor Lo	yes / no		
4. Telephone 10. Fencing 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Located By: Line Pressure: (psig) Leak Area: in ² Drawing for Posting to Maps:	3. Insufficient Locate Time 7. 4. Third Party Carelessness 8. Damaging Equipment: Employee / Con Discharge Time: (min) Locate Markings Within State Law:	tractor Lo	yes / no		
4. Telephone 10. Fencing 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Located By: Line Pressure: (psig) Leak Area: in ² Drawing for Posting to Maps:	3. Insufficient Locate Time 7. 4. Third Party Carelessness 8. Damaging Equipment: Employee / Con Discharge Time: (min) Locate Markings Within State Law:	tractor Lo	yes / no		
4. Telephone 10. Fencing 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Located By: Line Pressure: (psig) Leak Area: in ² Drawing for Posting to Maps:	3. Insufficient Locate Time 7. 4. Third Party Carelessness 8. Damaging Equipment: Employee / Con Discharge Time: (min) Locate Markings Within State Law:	tractor Lo	yes / no		

Leak Repaired:		Repaired By	:		Employee ID#	
Repair Date:/	/	Welding By:			Employee ID#	,
Facility Involved:	Orig	in of Leak:			Initial Cause:	
1. Main 4. Yard Line	1. Pipe 5. I		Longitudinal Wel	d	1. Corrosion 4. Material D	efect
2. Service 5. Riser	2. Valve 6. P	Regulator i	0. Clamp		2. Outside Force 5. Other	
3. Meter Loop 6. Other	3. Tap 7. C	Compressor			3. Construction Defect 6. Third Party	, i
	4. Fitting 8. C	irth Weld				
Miscellaneous:		Number of Le	aks Repaired:	-	Type of Pipe:	_
Duplicate Order 4. Not Natu		On Ma			1. Coated Steel 4. PE	
2. Customer's Line 5. No Leak	Found	On Ser	rvice		2. Bare Steel 5. PVC 3. Cast Iron 6. Other:	
3. Other Company	ī					_
Type of Coating:		1. Excellent	on of Coating: 3. Poor	-	Estimated Year of Installation: 1. Before 1930 4. 1970 - 1989	<u> </u>
Bare 4. Mill Wra Hot Coated 5. Other:	r	2. Fair	4. Disbonded		2. 1930 - 1949 5. 1990 - Present	
3. Thin Film (Epoxy)		<u> </u>			3. 1950 - 1969 6. Unknown	
Cathodic Protection:		v	isual Inspection	n: Yes /	No Atmospheric Corrosion: Ye	s / No
	Internal	Corrosion:	Area:	•••	Section:	
External Corrosion: 1. None 3. Severe	1. None 3. Severe		P/S Before			service
2. Slight Pit Depth:	2. Slight Pit Deptl		P/S Before			service
(if available)	,	(if available)				1
Pressure Test:	· · · · · · · · · · · · · · · · · · ·					
Main: /29 psig Du	ration: 12+ b -hrs	/ min Medi	um: gas/ ais/ l	H ₂ O So	uped:	sig
, -	ration: hrs	/ min Medi	um: gas/air/l	H ₂ O So:	ped: yes/no MAOP:p	sig
Residual Gas: yes / no Co	omments: Fu	Sape B	By J. Y	ne Giv	into + D. Diyson	
			7			
Install Remove	Materials	M/S	Install	Remove		M/S
			2		1" PE Caps	
160 4" PE	Pipe				,	
1 4" TE	<u>E</u>		ļ			
X	APS					
2 4xz	TAN TEES					
1 Line	MARK + Ar	18ba				
Functional / Task Main - 0	Work		<u>.</u>	.,	Wall Length	.
Number: Service - #	Code	Size	Material	Copper		_
980000	Out - 1	<u>04</u>	4	Steel		20
012040	Z In - 2	<u>04</u>	7	PVC -	3 395	0
	New - 3			PE -		
	Rem - 4	4		ABS -		
			·	Other Cast Iro		
Gas Loss Calculation:	X	=		Bare Un		l
CCF Loss		Cost of C	Gas Lost	Bare Pro		
					Office Use Only:	_,
Labor Hours	Hours	Equipme	nt Used	Hours	Labor:	_
Emp ID:		Unit#:			Overtime:	-
10902-01204					Clerical:	-
-98000	<u> </u>				Administrative:	-
			······	 	Material: Associated Cost:	-
	-				Equipment Cost:	-
Contractor Labor:	 				Contractor Cost:]
Contractor Labor.					Gas Loss:]
Total		To	tal		Total	
	Date:	11-21-06	Entered By	: 1.10	Kenhouse Date: Z-Z7	-07
Completed By:			Tech Service		Date:	
· · · · · · · · · · · · · · · · · · ·		7-26-07			Date:	
Approved By:	Date:		Maps Update	ea:	Date:	

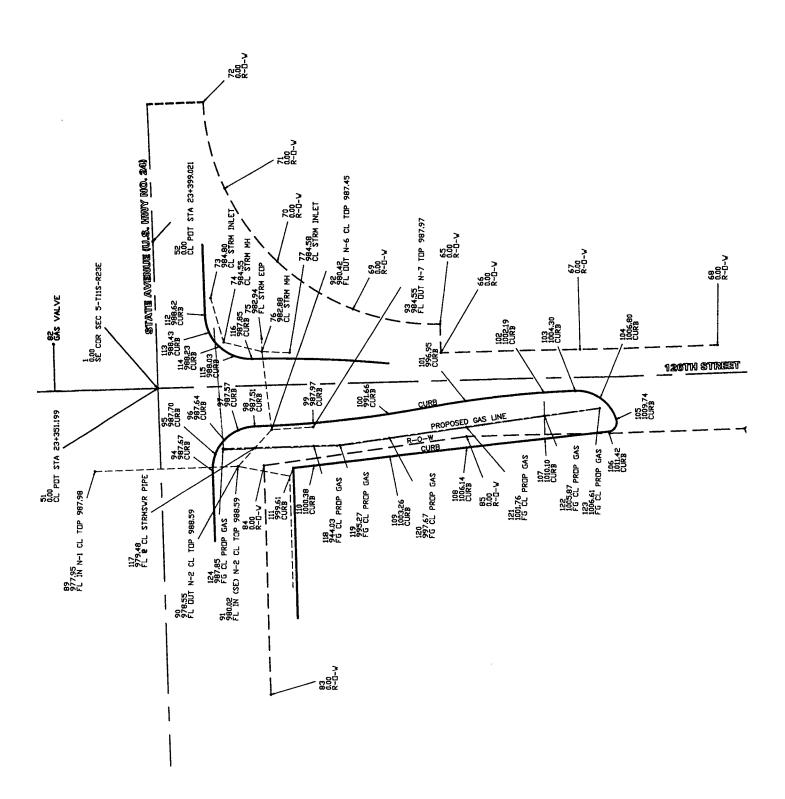
Atmos Energy - Constru	ction Survey	₽₩o	☐ ALMS	SSD No: 251222
General Date: <u>2/19</u> /	2007 By:	N.P.L	Wenge-	Emp ID#: 6135
Property Tax Code: 80/0/		110	Map #:	SEE BELOW
Town Name: Bonner		Town Nu		
	& State Ave,	•		
	in Replacement	<i>p</i> -	Zip:	State: /)
County/Parish: Wyon I of the	School District:		Cross R	
Area: ICD / OCL Pipeline #:	3760 -	250	Oracle Proje	ect#: 14604
For Irrigation Or Rural Irrigation Only:				
Line Name:	Section:		Block:	Survey:
/ System Ty	A	7	1	Cover:
1. Distribution 3. Irrigation	5. Gathering	l. Dirt	3. Asphalt	5. Rock 7. Other
2. Rural Distribution 4. Transmission	6. Storage	2. Brick	4. Concrete	6. Liquid
40 System MAOP	(psig)	40 "	Approxima	ate Pipe Depth (inches)
Leak Found: Date Found:	/ /			
Leak Survey No:		Leak Orde	r No:	
Time Found: am/pm	Time Classified:	am / pm		: 1 2 3 4
	pprox Distance to		tion Density:	Service Risers:
	• • • • • • • • • • • • • • • • • • • •	nercial - Dense	4. Residential - Light	1. Without Outside Riser (Vault)
2. Service 5. Yard Line		nercial - Light	5. Rural - Class 1, 2	2. Adjacent to Building (within 10')
3. Meter Loop 6. Other Gi	ade of Nearest 3. Resid	ential - Dense	6. Rurai - Class 3, 4	3. Away from Building (over 10')
		nments:		
	2. Level 3. Below			
Third Party Damage /	Billing Information:		1	ak Re-Evaluation
····			Employee	D
Third Party Address:	Phone:		ID#	Date Grade %Gas %L
Contact Name:	I none.	· · · · · · · · · · · · · · · · · · ·		
Type of Work:	Reason Damage Occi	urred:		
•	, ,	per Job Location	 	
2. Water 8. Landscaping 2. Local 3. Electric 9. Irrigation 3. Insuf	te Issues 6. Failure ficient Locate Time 7. Delibe	e to Hand Expose		
•	Party Carelessness 8.	rate		
5. TV/Cable 11. Poles / Signs				
	ging Equipment:			
Located By:	Employee / Contracto	r Lo	cate Ticket #:	
Line Pressure: (psig) Discharge	Time: (min) I	Injuries or Deaths	: yes / no	Damage to Property: yes / no
Leak Area: in ² Locate Mark	ings Within State Law: ye	es / no	attach a copy of the locate	e ticket for all third party damage incidents-
Drawing for Posting to Maps:				
North:		1).F:	. 8811 2	·3······
		N.E.	2 4 4 6 4	
		46	8-4. 21.00.	- 171
			3-4. 4	301
· · · · · · · · · · · · · · · · · · ·	<i>94</i> , 2,	wiss.	89-11-6	.
\dots $\chi 1^{n}$				
$\cdots $ $\sim \sim $				
····				
3.88 M				
				• • • • • • • • • • • • • • • • • • • •
	· • • • • • • •		-attach	additional pages for drawing when necessary-

.

Leak Repaired:		Da	paired By:				Cenn	loyee ID#	
-									
Repair Date://		_ W	elding By:				Emp	loyee ID#	
Facility Involved:		rigin of I			····	L		Initial Ca	
1. Main 4. Yard Line	-	5. Drip		Longitudinal Wel	d		Corrosion		4. Material Defect
Service		 Regulato Compres 		Clamp			Outside Force Construction De	fect	5. Other 6. Third Party
3. Weter Loop 0. Other	•	3. Girth We				<i>J</i> .	Construction De	1001	o. man many
Miscellaneous:		Num	iber of Lea	ks Repaired:		Г		Type of P	ipe:
Duplicate Order 4. Not Natural	Gas		On Mai		_	l.	Coated Steel	4. PE	
2. Customer's Line 5. No Leak For	und		On Serv	rice		2.	Bare Steel	5. PVC	
3. Other Company			_			3.	Cast Iron	6. Other	r:
Type of Coating:			Conditio	n of Coating:	-		Estima	ted Year of	Installation:
1. Bare 4. Mill Wrap		1. Exce	llent	3. Poor			Before 1930		1970 - 1989
2. Hot Coated 5. Other:		2. Fair		4. Disbonded			1930 - 1949		1990 - Present
3. Thin Film (Epoxy)							1950 - 1969		Unknown
Cathodic Protection:	,			sual Inspection	n: Yes) No		pheric Corre	osion: Yes / No
/ External Corrosion:		al Corro	sion:	Area:			Section:		
1. None 3. Severe	1. None 3. Se				e: - <u>, 9 /</u>	<u>ර _</u>	-		main / service
2. Slight Pit Depth: (if available)	2. Slight Pit De		available)	P/S Before	e:		- P/S Allei	:	main / service
Pressure Test:	· 								
	410m. 74 /1	hre/min	Medin	m: gas (air)	H ₂ O S	oanad:	yes) no	MAOP:	psig
Main: 135 psig Dura Service: psig Dura		hrs/min		m: gas/air/l		_	yes/no	MAOP:	psig
F5		eped		-	_		, ,		
Residual Gas: yes / no Conf	ments	epea	<u> </u>	<u> </u>					
Install Remove	Materials		M/S	Instali	Remove		Ma	terials	M/S
534 4"C/W	A 24	ala [[., -	
4 4" Wel	A								
1 4" We	12 450								
6 Wax To	->e								
24 Soint	Wrop_			ļ					
				-					
Functional / Task Main - 0	Work		L					Wall	Length
Number: Service - #	Code		Size	Material	Copp	er - 1		ckness	of Pipe
980000	Out	t - 1	04	5		1 - 2	1	<u>88</u>	541
01104 _ 0	Z In	- 2	04	2	PVC	2 - 3	1	<u>88</u>	541
	New	v - 3			PÉ	- 4	_		
	Ren	n - 4			ABS				
	·				Othe		_		
~ ~ ~ ~	3 7	_			Cast I Bare U				
Gas Loss Calculation: CCF Lost	X Unit Cost		Cost of Ga	s Lost	Bare P	-			
								Office Use (Only:
Labor Hours	Hours		Equipmen	t Used	Hours		Labor:		
Emp ID:		Unit #:				_	Overtime	»:	
						_	Clerical:		
		<u></u>				_	Administ		
		<u> </u>					Material:		
		 				\dashv	Associate Equipme		
Contractor Labor		-				\dashv	Contracto		
Contractor Labor:		-			<u> </u>	1	Gas Loss		
Total			Tota	ıl			1	otal	
	Date:	2. 7	3-07		. ,].	DL	hont	Date	: Z-Z7-07
Completed By: Wen					·	v K	MA	Date	
Reviewed By: Wolfinson	Date:	2-2	7-07	Tech Service					
Approved By:	Date:			Maps Update	ed:			Date	<u> </u>

Ш		T	T				T				 	Ī								
DATE																				
COMMENTS	Pls 6-910 A.							~	2000 0 9V											
SECONDARY DEMENSIONS	53' E. 41265+	53'6.4	457217,0	75721 P'M 89	17	35, "								-						
QUARTER SECTION: PRIMARY DIMENSIONS	60'3. & Stote	61's. & sut	65.2	61'8, & State	A	469'S. & Blat														
FACILITY	3.5.to	900	mein	900	2-900	5-thin														
STR: POINT	τ	2	3	4	S	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20

ale



Atmos Ene	rgy - Construction	on Surve	y □ Fwo	☐ ALMS	SSD No:	
Address / Location:	STATE AVE +				-	
Service Performed:	Lowered 4" PE	for Box	extension	Zip:		State: K.S.
Drawing for Posting to					h).	4-5-07
North:	Installed 12'-4" PE					
North:	Installed 12'-4" PE 60'-10ga u 1 - 1163 A	vire				
	1 - 1165 A	mode.			· · · · · · · · · · · · · · · · · · ·	
					(1)	
	• • • • • • • • •					
					. .	
	(8' @ 30' E. L. of.					
	8 E 30 E. L. ".	· · ·	• • • • •		99'	
)				Box	
	· 2.2.4. of Box			/. /.		
Depth]		· · · · · /	-//	105'	
	. / .7: @ 20' w & or	BOX	• • • • • •	// -	06	
	(41/2 @ 882 E	4 130th	:1/		ω' .	
			. . .			
				. 7		
				· · · ·		
			58,			
				.5. ! .		
			882			
			90			
· · · · · · · ·			• • • • •			
			• •• •		. .	
	4 130th	St.	V V V	<u> </u>		
	• • • • • • • •			· · ; ·		
• • • • • • • • • • • • • • • • • • • •		<u> </u>				
				. /		
			· · VALVE	Box · ·		
	• • • • • • • •			Cocate.		
	• • • • • • • •		• • • •	• • • •		
					-anach additional na	ges for drawing when necessary-





Name of Project: 159TH AND QUIVIRA				Date:	2/21/2007	
Town: OVERLAND PARK Region	on: KS		Location:	SAME		
PROJECT DESCRIPTION: TO UPGRADI	EXISTIN	G REGUALTOR	SETTING WITH	A 2 INCH E	ZR;252, 1/4 INCH	
REGULATOR						
	 	Maria Ma		 		
THE COST BELOW IS A LOADED COST						
				·		
		 	 	······································	· · · · · · · · · · · · · · · · · · ·	
Footage Size	Туре	Del.Press.	R	-O-W	Public Pri	vate
Projected Load: Annual	M(MCF	MAOP:	vale
Normal Operating Pressure:		oi ilouity	Estimated Pro			5.00
APM/			Estimated Fig	jeci cosi.		5.00
ROE: % Project Life :	YRS.	NPV	IRR	%	Crew Company or Contract	
Aid in Construction:	ا ^{```} ا					
Non-Refundable Contributions	-	F	onal information, (f	ow studies, L		
Barrier Communication Control of the	J	Drive	roider		File Name	
Contract Type:		<u> </u>				
Contract Amount:		<u> </u>				
Contract Date:		Any addition	nal comments place	in Drive, Fo	lder, & File listed above	
Contract signed by:	Date W	ork	Othe	Project (s)	Related to this P&N:	
Request/Task No.:	is Requ	uested: 2/21/20	007	060	15173	
PROJECT MANAGER: MIKE	FALKING	TON			··· • · · · · · · · · · · · · · · · · ·	
APPROVALS:				***************************************		
Initiator: TOM PETERSON			Date:	2/21/200	7	
Comments					·	
Recommend Approval: Allen Spaur		·····	Date:	2/21/200	7	
Comments Technical review completed			Date	212 11200		
Technical review completed		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ 				
						
December of Assessed			5.4			
			Date: _			
Comments						
- MATERIAL CONTROL CON						
Recommend Approval:			Date: _			
Comments						
	·					
Recommend Approval:			Date:			
Comments						
Recommend Approval :			Date:			
Comments		*****		1		
Recommend Approval :	· · · · · · · · · · · · · · · · · · ·		Date:			
Comments						
Recommend Approval :			Date:			
Comments						
Recommend Approval :			Date:		· · · · · · · · · · · · · · · · · · ·	
Comments	·····		Date	· · · · · · · · · · · · · · · · · · ·	,,,	
				······································		
FINAL APPROVAL Michael Ta	lkingto	n		Date: 2	/22/2007	
Comments						

Name of Project : FIFTH & COTTONW				Date:	4/25/2007	_
	jion: <u>C</u>	ENTRAL KANSA	Location:	CC3136	·····	
PROJECT DESCRIPTION:						··
DUE TO LEAKS ON 3" B/S RUNNING T			F STORM SEWER	R WE WOU	LD LIKE TO RE	LOCATE
WITH 2" PE MAIN ON THE SOUTH SIDI	E OF FIFT	<u>TH</u>				
Footage 500 Size 2	Туре	Del.Pres	sR	-O-W	Public	Private
Projected Load: Annual		MCF Hour	ly	MCF	MAOP:	
Normal Operating Pressure:	· · · · · · · · · · · · · · · · · · ·		Estimated Pro	ject Cost:	\$ Crew Company	3,953.37
ROE: % Project Life :	YRS.	NPV	IRR	%	or Contract	COMP
Aid in Construction:		Ad	ditional information, (f	low studies, D	esign, apm etc.)	
Non-Refundable Contributions		Drive	Folder		File Name	
Contract Type:						
Contract Amount:					'	· ·
Contract Date:		Any add	itional comments plac	e in Drive Fol	der & File listed al	oove
Contract signed by:	Date	Work			Related to this P	
Request/Task No.: 060.15307		equested:	<u> </u>		reduce to this i	er
the control of the co	Greg Wo	·			**************************************	
APPROVALS:	Olog III			······································	 	
Initiator: Ron Hoag			Date:	4/25/200	17	
Comments Please review and approv	'Α		Date.	7/20/200	<u>''</u>	
Recommend Approval: Allen Spau			Date:	4/26/200	<u> </u>	
Comments Technical review complete			Date.	4/20/200		
Comments 1 Comment To VICW Complete	cu.					
Recommend Approval: GREG WC	N EE		Date:	4/26/200		
Comments REVIEWED	<u>/Li i</u>		Date.	4/20/200		
Comments IXLVILVVLD						
Recommend Approval:			Date:	·····		
Comments	······································	·	Date.			
Comments		 	······································			······································
	·····			· · · · · · · · · · · · · · · · · · ·		
Recommend Approval:	···		Date:			
Comments			Date.			
Recommend Approval :		·	Data			
Comments			Date.	·····		
Recommend Approval :	**		Data			
Comments			Date.			
Recommend Approval :			Date:			- 1
Comments			Date.		- `	
Recommend Approval :			Date:			
Comments			Date.			
FINAL APPROVAL				Date:		
Comments						

Atmos Energy - Co	nstruction Sur	vey É	∃fwo □au	ms S	SD No:	252542
General Date: 551			لحد			10944
Property Tax Code: 8080	_	Unit: 00 5		Map #:	000	_
Town Name: Strong		**************************************	Town Number:	335	Division:	83
	oftonwood		- · · <u> · · · · · · · · · · · · · ·</u>			
	Replace that	Rement	Zip:		State:	KS
County/Parish: Chase	School Distr				21-7-6-001	
Area: ICD / OCL Pipel	line#: 3740	<u>335</u>		Oracle Project #:		-
For Irrigation Or Rural Irrigation (
Line Name:		Section:	Block	*	Survey	•
	System Type:	-	7-3-5		Poel:	7. Other
· ·	Irrigation 5. Gatherin Transmission 6. Storage				Rock Liquid	7. Other
	em MAOP (psig)		30	Approximate Pi	•	.e)
Leak Found: Date Found		-		Approx	po Dep	<u></u>
Leak Survey No:	*		Leak Order No:			f_{\bullet}^{2}
	/pm Time Classifi		am / pm	Leak Grade:	i 2	3 4 .
Apparent Location:	Approx Distance to		Population Den			vice Risers:
1. Main 4. Riser	Nearest Bidg (ft):			dential - Light	1. Without Outsid	e Riser (Vault)
2. Service 5. Yard Line	· · · · · · · · · · · · · · · · · · ·	2. Commercial		i - Class I, 2	2. Adjacent to Bui	
3. Meter Loop 6. Other	Grade of Nearest	3. Residential - D		d - Class 3, 4	3. Away from Bui	ldmg (over 10)
Magnitude of CGI Indication: % Gas % LEL	Building to Main: 1. Above 2. Level 3. Belo	Comments ow	:			
	mage / Billing Infor			Leak]	Re-Evaluat	ion
		Anners	Emp!	loyee		
Third Party Address:			TE III	4 . 4 . 4	e Grade	%Gas %LEI
Contact Name:	Phone:					<u> </u>
Type of Work:	Reason D	amage Occurred:	`		<u></u> ! •	 }
1. Sower 7. Drainage	1. No Notification	5. Improper Job L	ocation			
2. Water 8. Landscaping	2. Locate Issues	6. Failure to Hand		<u> </u>		
3. Electric 9. Irrigation	3. Insufficient Locate Time	7. Deliberate		Pro di	<u> </u>	
4. Telephone 10. Fencing 5. TV/Cable 11. Poles / Signs	4. Third Party Carelessness	8.		<u> </u>		
6. Road Const. 12.	Damaging Equipment:		<u> </u>			<u> </u>
Located By:	• • •		Locate Tick	cet #:		2 2 2
·	ischarge Time:(mir			***************************************	age to Property:	yes / no
	cate Markings Within State L	•		opy of the locate ticket	for all third party	damage incidents-
rawing for Posting to Maps:						
1		·, · · · · ·		,		• • • •
North:						
·. :		,		,	 	
						ting a second of the second
· · · · · ·						*
1.50				ground g		
				appu : 055.	· Let ·	
· · /· · / · · / · · · · · · · · · · ·			· Joon	acres 3	A	
\cdots \smile \cdots \cdots	· · · · · · ·	• • • • •		ug. sog.	¥	
			(P)	WALL .	spee .	* * * * *
				7 2 7	Maria National Association	
				C.KX.	4	* }
				1		ing when necessary-

T .							14 ***	uding						
		Leak	Repaire	ed:			Repe	ited By:	Wood	d:e	E	mployee ID#	1090	5
					_ / 20	07	Weld	ing By:	Rex			mployee ID#	1094	4
			Facility 1				igin of Lea			T	[7]	Initial C	ause:	
		1. Main		Yard Line	l. Pipe				ongitudinal We	eld	1. Corrosion		4. Material Def	fect
•		2. Service		Riser	2. Valv		Regulator		Ziamp ·		2: Outside Fore	the wilder of	5. Other 6. Third Party	• •
26.7	1	3. Meter L	оор 6.	Other	3. Tap 4. Fittir		Compressor Girth Weld			a santigi Disabili	3. Construction		o. Indurany	
			M	iscellaneous:	1 1	·s ···			s Repaired:		[2]	Type of	Pipe:	
		1. Dup	plicate Order		latural Gas			On Main			i. Coated Steel			7
•			tomer's Line	5. No L	ak Found		لــا	On Service	8		2. Bare Steel	5. PV	C	
		3. Oth	er Company					'auditiau	of Coating:		3. Cast Iron	mated Year o	, francis	- '
		I. Bare		ype of Coati 4. Mill V			i. Excellen		. Poor	_	1. Before 1930		1970 - 1989	·
		2. Hot Coat	4.00	5. Other			2. Fair	. ,	. Disbonded		2, 1930 - 1949	5.	1990 - Present	:
		3. Thin File						·			3. 1950 - 1969		Unknown	
		Catho	dic Prot	tection:		r i e i e i		Visu	al Inspectio	n: Yes		_	rosión: Yes	: / No
*.			External C	orrosion:			l Corrosio	n: .	Area:		Section P/S A		main / s	
		1. None	3. Severe Pit Depth:	.00/	 None Slight 				P/S Befor			fter: 1.2.		
		z. augui	I a Depai.	(if available)	a. v.a.g		(if avail	ble)						
		Pressu	re Test:											
1	- 7	Main:	100		Duration:		o min		gas @p/	-	Soaped: Ves no	,	12 ps	
		Service:		. F5	Duration:	hr	s/min	Medium	: gas/air/	H ₂ O S	Soaped: yes/no	MAOP:	ps	ıg
-		Residual (Gas: Ve) no	Comments:	· · · · · · · · · · · · · · · · · · ·								
	1	Install	Remove		Materials		М	/S	Install	Remove	T	Materials	M	1/S
	1 6	546'	TOMIC TO	2000	:0e						3 wddcsp			
		2		27624	electro	TAPT	وحد		1		2" cae			
	1	2		2"pe	O'Ell's	<u> </u>		-		ļ	3"5TOP	<u> </u>		\dashv
	1 1	2		200	end caps	 								
		1			Bottom S		-e-e							
	-				oro tee			\dashv		ļ	1			\dashv
		nctional /	Toek	2"+KA Main - 0	Work		l		L	1		Wali	Length	
	1	Number:		Service - #	Code		Si	ze	Material	Сорр	per-1	`hickness	of Pipe	
	19	800		212	· 1 · 1	Out - 1	. —	3	2	Stee	el - 2		382	<u>, </u>
:	9	800		212		In - 2		<u> </u>		PVC			546	7
		120%	L	216		New - 3		<u>2</u> _	_7 _		S-5			
			- 12				· · · · · · · · · · · · · · · · · · ·			Othe				
										Cast In		• • •		
3	G	as Loss C	alculation	CCF Lo	st X Un	it Cost	c	st of Gas L	ost	Bare U Bare P	-		•	
;										2401		Office Use	Only:	
: H			Labor Ho		Hours] [ipment U	sed	Hours	Labor:			
		Emp ID:	1094			- F	Jnit#:				Overtin			-
	l	ļ	10903	? 7	 	┨· ├						istrative:		1
			10900			1 L					Materia	ıl:	2.11	
					150] [ated Cost:		
		G	- T - L			- -		· · · · · · · · · · · · · · · · · · ·				ent Cost:		
ij		Contract	or Labor:	· · · · · · · · · · · · · · · · · · ·		1 1					Gas Lo			
1			Total			1 / E		Total				Total		1
	Com	pleted By:	Ker	Jan		Date: 5		27	Entered By:			Date): 	
		ewed By:	4-4-4-	**	* · · · · · · · · · · · · · · · · · · ·	Date:			ech Service:	s:		Date	:	
4		roved By:				Date:		 M	aps Update	d:		Date	:	-

Atmos Energy - Constructio	n Survey	□ ALMS SSD No:	52542
Address / Location: 5th/Cottonulos Service Performed: Replace 3"Stee	with 2 no lastic	Zip:	State: <u>US</u>
Drawing for Posting to Maps: 20/71/19	Sthe Cottonwood W25th W2Cottonwood	3/08/38	NE5th Lottones ECOHONU
Theothe Theothe	PARX	3; toel	
3	F; fth		
30 20 ao		35teal	
2 se dend Fled cor	78%		
1 2 elected 33'5 & 5th 188'WE Cottonwood		2000 1956 5100 180 E20	ottonwood
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		λ [][e	
#			for drawing when necessar

Name of Project : 5TH & MAIN					Date:	2/19/2007	-
Town: ELSMORE,KS Region	on: <u>S</u>	OUTH KANS	SAS	Location:	CC3146		····
PROJECT DESCRIPTION:							
REPLACE APPROX. 382' OF 1" B/S WITH							
THE REPLACEMENT IS NEEDED DUE TO	O LEAKS	S AND WATE	ER PRO	OBLEMS			
Footage 382 Size 2	Туре	PE Del.P	_	R	-O-W	Public	Private
Projected Load: Annual		MCF H	ourly_		MCF	MAOP:	
Normal Operating Pressure: APM/				Estimated Pro	ject Cost:	\$ Crew Company	2,526.31
ROE: % Project Life :	YRS.	NPV		IRR	%	or Contract	COMP
Aid in Construction:			Additio	onal information, (fl	ow studies, D	esign, apm etc.)	
Non-Refundable Contributions		Drive		Folder		File Name	. :
Contract Type:							
Contract Amount:							
Contract Date:		Anv	addition	nal comments place	e in Drive. Fol	der. & File listed at	oove
Contract signed by:	Date	Work				Related to this Pa	
Request/Task No.: 060.15168		quested:		31110			<u></u>
	ICE KNI						
APPROVALS:							
Initiator: RON HOAG				Date:	2/19/200	7	
Comments PLEASE REVIEW AND AP	PROVE	•		<u> </u>	L/ 10/200		
Recommend Approval: Allen Spaur	TIOVE	-		Date:	2/20/200	7	
Comments Technical review completed			 .	Bato. <u>-</u>	LIZUIZUU		
Toolinicate To The Toolinicate Toolinic		· · · · · · · · · · · · · · · · · · ·					. "
		*** - * * * * * * * * * * * * * * * * *		· · · · · · · · · · · · · · · · · · ·			
Recommend Approval:				Date:			
Comments				Buto		*************************************	
Comments						—	
Recommend Approval:				Date:			
Comments	*****			Bato			
	· · · · · · · · · · · · · · · · · · ·						

Recommend Approval:				Date:			
Comments	· · · · · · · · · · · · · · · · · · ·						
Recommend Approval:				Date:		·	
Comments					······································		
Recommend Approval:				Date:			
Comments		· · · · · · · · · · · · · · · · · · ·					
Recommend Approval :				Date:	···		
Comments				-			
Recommend Approval:				Date:			······································
Comments		······································					
		-		······································			··
FINAL APPROVAL BRUCE K	NIGHT				Date: 2	/20/2007	
Comments							

EGFW JAY/ALIEN **Atmos Energy - Construction Survey** SSD No: 41 912007 By: General Date: Emp ID #: 10911 82401 002 Tax Unit: Map #: Property Tax Code: ELSMORE Town Number: Town Name: 440 Division: Address / Location: 21 main Service Performed: Zip: School District: Cross Ref#: County/Parish: 3760 440 Oracle Project #: 060. Area: CL / OCL Pipeline #: For Irrigation Or Rural Irrigation Only: Line Name: Section: Block: Cover: System Type: 5. Gathering 1. Dirt 3. Asphalt 5. Rock 7. Other 1. Distribution 3. Irrigation 6. Liquid 2. Rural Distribution 4. Transmission 6. Storage 2. Brick 4. Concrete 30" Approximate Pipe Depth (inches) System MAOP (psig) Leak Found: Date Found: Leak Order No: Leak Survey No: Time Classified: Leak Grade: Time Found: am/pm am / pm Service Risers: Approx Distance to Population Density: **Apparent Location:** 4. Residential - Light 1. Without Outside Riser (Vault) 1. Commercial - Dense 4. Riser Nearest Bldg (ft): 1. Main 5. Rural - Class 1, 2 2. Adjacent to Building (within 10') 2. Service 5. Yard Line 2. Commercial - Light 3. Away from Building (over 10') Grade of Nearest 6. Rural - Class 3, 4 3. Residential - Dense 3. Meter Loop 6. Other **Building to Main:** Comments: Magnitude of CGI Indication: 1. Above 2. Level 3. Below %LEL Leak Re-Evaluation Third Party Damage / Billing Information: Employee Third Party Name: ID# Date Grade %Gas %LEI Third Party Address: Phone: Contact Name: Type of Work: Reason Damage Occurred: 7. Drainage 1. No Notification 5. Improper Job Location 1. Sewer 2. Water 8. Landscaping 2. Locate Issues 6. Failure to Hand Expose 3. Insufficient Locate Time 7. Deliberate 9. Irrigation 3. Electric 4. Third Party Carelessness 4. Telephone 10. Fencing 5. TV / Cable 11. Poles / Signs Damaging Equipment: 6. Road Const. 12. Employee / Contractor Locate Ticket #: Located By: Damage to Property: Injuries or Deaths: yes / no Line Pressure: (psig) Discharge Time: (min) in^2 Locate Markings Within State Law: Leak Area: yes / no -attach a copy of the locate ticket for all third party damage incidents-Drawing for Posting to Maps:

-attach additional pages for drawing when necessar

									\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Leak Repaire	d:		····	Repaired l	Ву:		Етр	loyee ID#	
Repair Date:	/	/		Welding F	By:		Emp	loyee ID#	
Facility In			Origi	in of Leak:				Initial Car	use:
la contraction de la contracti	Yard Line	1. Pipe	5. D	**************************************	9. Longitudinal Wel-	d	1. Corrosion		4. Material Defect
2. Service 5.	Riser	2. Valve	6. Re	egulator	10. Clamp		2. Outside Force		5. Other
3. Meter Loop 6.	Other	3. Tap	7. C	ompressor			3. Construction De	fect	6. Third Party
		4. Fitting	8. G	irth Weld					
Mis	scellaneous:			Number of	Leaks Repaired:	_		Type of Pi	pe:
1. Duplicate Order	4. Not Natu	ıral Gas		On	Main	-	1. Coated Steel	4. PE	
2. Customer's Line	5. No Leak	Found		On	Service		2. Bare Steel	5. PVC	
3. Other Company							3. Cast Iron	6. Other	
Ту	pe of Coating	:		Cond	lition of Coating:		Estim	ated Year of	Installation:
1. Bare	4. Mill Wra	ıp	1	. Excellent	3. Poor	_	1. Before 1930	4. 1	970 - 1989
2. Hot Coated	5. Other:		2	. Fair	4. Disbonded		2. 1930 - 1949	5. 1	990 - Present
3. Thin Film (Epoxy)							3. 1950 - 1969	6. l	Inknown
Cathodic Prot	ection:				Visual Inspection	ı: 🐨	/ No Atmos	pheric Corro	sion: Yes 🧖
Pf External Co	errosion:	11/4	Internal (Corrosion:	Area:		Section:		
1. None 3. Severe	77 7 051021	1. None	3. Severe		P/S Before	· PE	P/S After	T:	main / service
2. Slight Pit Depth:		2. Slight	Pit Depth		P/S Before		······································	r:	main / service
z. ongu.	(if available)		•	(if available)	•	***************************************			******
Pressure Test:			 	· 				······································	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Main: / 20		uration: 1,5	hrs	mir. Me	dium: gas air I	H ₂ O S	oaped: 🎾/no	MAOP:	psig
Service:	•	ration:		_	dium: gas/air/F		oaped: yes/no	MAOP:	
			Repla		21main	-			
Residual Gas: yes		omments:	Ktp (a	ua		`			
Install Remove		Materials		M/S	Install	Remove	Ma	iterials	M/S
3791	2"PE			M					
386	2^BS.	**************************************		M					
389'	T.W.	RP		M					
1		h Volum	1 Tap	M					
,	رم م			<i>1</i> 1					
	2"x1" p		<i>,</i> ~	M					
ב'	I"PE		~~~	M					
1	111 200	· stab		M					
unctional / Task	Main - 0	Work					4	Wall	Length
Number:	Service - #	Code		Size	Material	Сорр	er - 1 Thi	ckness	of Pipe
532	L	<u>Z</u>	Ont - 1	02	4	Stee	1-2 .2	-16	379'
			In - 2			PVC			
432	1_	L	New - 3	02	9	PE	-4 <u>L</u>	<u>54</u>	386'
		***	Rem - 4		agentagging a to stay.	ABS	i-5		
					-	Othe	r - 6		
						Cast Ir			
Gas Loss Calculation		X	Cost	Cost o	f Gas Lost	Bare U	•		
	CCF Los	Uni	COST	Cost o	Gas Losi	Bare P		0.000 Y: 0	
				~~~		* T	manage framework	Office Use O	nly:
Labor H	ours	Hours	-		nent Used	Hours	Labor:		
Emp ID:		12		nit#:			Overtime	·	
10911			-	······································			Clerical: Administ	rative:	
10983		16 8	<b> </b> -	·			Material:	Lauve.	<del></del>
16313		<u> </u>	<del> -</del>				Associate	d Cost	
			<b> </b> -				Equipme		
Contractor Labor:			<b> </b> -				Contracto		
Communication (Mado).			<b> </b> -				Gas Loss	<del></del>	
Total			<b> </b> -	Т	otal	<del></del>		otal	
Saura and a second			<b>الله</b>		······································	<del></del>	<del> </del>	·····	
ompleted By: <u>J, E</u>	Daker	l	Date: <u>4</u>	-9-2007	Entered By:			Date:	
eviewed By:		I	Date:		Tech Services	s:		Date:	
pproved By:	BD	I	کے : Date	H200/27	Maps Update	d:		Date:	

Name of Project : Westerf	ield Apartments	Main Repl	acement				Da	te:	6/7/2006	<del></del> 1
Town: Olathe	Region		as		Loc	ation: (	Church	& Pc	plar	
PROJECT DESCRIPTION:										
Replace main in residential a	partment comp	ex, total of	259 units.							
75045 (0)				<del></del>	······································					
7531 ft. of 2 in. pe main		****		·····						
						<del>-</del>				
Tax # 80312 John	son County		STR 25-	13-23	Town # 36	9		Pres	sure DP	
<del></del>		ype pe		Del.Press.	х		O-W	X	Public	Private
Projected Load: Ann		MCI		Hourly	<del></del>		MCF		MAOP:	60#
Normal Operating Pressure	55#			•	Estima	ted Proj	ect Co	st:	\$	63,860.28
APM/								_	Crew Compa	ny
ROE: % Projec	t Life :	YRS. N	IPV			IRR		%	or Contrac	t
Aid in Construction:		. I		Additiona	al information, (fl	ow studie	s, Desig	gn, ap	m etc.)	
Non-Refundable Con	tributions	յ լ	Orive		Folder				File Nam	ne
Contract Type:		.				<del></del>				
Contract Amount:				······································						
Contract Date:				Any additional	comments place	in Drive,	Folder,	& File	listed above	
Contract signed by:		Date Wo				<u>Other</u>	_		telated to this	P&N:
Request/Task No.:	···	is Reque		6/7/2006	<del></del>		06C	) ( ]4	1506	
PROJECT MANAGER:		Gary Sch	ilessman	<del> </del>	· · · · · · · · · · · · · · · · · · ·					
APPROVALS:	· :					D -4-	0/7/	0000		
Initiator: David M. Hugg		201/41				Date: _	6///	2006		
Comments PLEASE REVII		ROVAL				Data	6/7/	2000		
Recommend Approval:  Comments Technical revie						Date: _	6///	2006	<del></del>	
Comments recrimical revie	w completed.						· .			
		<del></del>								
Recommend Approval:	Tim Owen			********		Date:	6/7/	2006		
Comments		<del></del>		·			07171		<del></del>	
						<del></del>				
Recommend Approval:	J Barrios				P-5 WARAN 1	Date:	6/9/2	2006		
Comments Compliance and			_			_				
Recommend Approval:	Mike DeArmor	ıd				Date: _	6/13/	2006	)	
Comments			· · · · · · · · · · · · · · · · · · ·							
Recommend Approval : _						Date: _	6/14/	2006	<del></del>	
Comments Agree with Barr	ios.			<del></del>						······
Recommend Approval : _				····		Date: _				
Comments Annual Comments						D. I.				
Recommend Approval : _		· · · · · · · · · · · · · · · · · · ·				Date: _				
Recommend Approval :					<del> </del>	Doto				<del></del>
Comments						Date: _			<del></del>	
FINAL APPROVAL	Gary Schles	ssman				ı	Date:	6/1	15/2006	
Comments		<del>-</del>					-			

Map too large for scanner.

Name of Project: CAST IRON REPLAC		KS	Date: _	6/14/2006
Town: COFFEYVILLE Regi	ion: SOUTH KANSAS	Location:	CC3145	
PROJECT DESCRIPTION:		- <del></del>		
RETIRE APPROX. 3869' OF 4' CAST IRC	ON, 550' OF 4" STEEL AN	ID REG'S, THIS IS	CURENTLY	AN OZ. SYSTEM.
WILL REPLACE WITH APPROX. 4620' C	F 2" PE AND WILL BE A	26# SYSTEM. TH	HS PROJEC	T ALSO INCLUDES
THE REPLACEMENT OF 62 SERVICE LI				
THIS WILL BE A SYSTEM IMPROVEMEN	NT DDO IECT			
THIS VALLE BE A STOTE WITH TO VEWE	TI FROSECT	<del></del>		
Footage Size	T D-1 D			
	Type Del.Pres		R-O-W	Public Private
<u> </u>	MCF Hour		MCF	MAOP:
Normal Operating Pressure: APM/	Print	Estimated Pro	oject Cost: _	\$ 78,222.74 Crew Company
ROE: % Project Life :	YRS. NPV	IRR	%	or Contract
Aid in Construction:	Ac	Iditional information, (f	flow studies. De	
Non-Refundable Contributions	Drive	Folder	now cladics, De	File Name
Contract Type:		- 10.00		i ile ivalile
Contract Type:				
			<del>, , , , , , , , , , , , , , , , , , , </del>	
Contract Date:		litional comments plac	e in Drive, Fold	er, & File listed above
Contract signed by:	Date Work	<u>Othe</u>	er Project (s) R	elated to this P&N:
Request/Task No.: <u>060</u> .14531	is Requested:			
PROJECT MANAGER: GARY	SCHLESSMAN			
APPROVALS:		· · · · · · · · · · · · · · · · · · ·	7	
Initiator: RON HOAG		Date:	6/14/2006	
Comments PLEASE REVIEW AND AF	PPROVE		0,11,2000	
Recommend Approval: Mike DeArm		Date:	6/14/2006	······································
Comments safety and reliability project		Date.	0/14/2000	<del></del>
Sarcty and renability project	i. Goko projeci			
		<del></del>		······································
December of Assessed Aller Occurrence				······································
Recommend Approval: Allen Spaur		Date: _	6/19/2006	
Comments Technical review complete	d.			
Recommend Approval: david harsin		Date:	6/30/2006	
Comments				<del></del>
				·····
<u> </u>	* · · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·
Recommend Approval: Orville Manl	ev	Date:	7/3/2006	<del></del>
Comments			170/2000	<del></del>
Recommend Approval: John Willis		Date:	7/5/2006	
Comments	······································	Date	7/5/2006	
	<del></del>			·
Recommend Approval :		Date: _		_
Comments				
Recommend Approval :		Date: _		
Comments				
Recommend Approval :		Date:		
Comments				
FINAL APPROVAL   Gary Schi	lessman		Date: 7/	5/2006
Comments		···· · · · · · · · · · · · · · · · · ·		<del></del>

Atmos Energy - Construction Survey  Address / Location:	☐ FWO ☐ ALMS	SSD No:		
Service Performed:	~**		-	
	Zip:	<u> </u>	State:	- Alaba
rawing for Posting to Maps:	• • • • • • • •	• • • • • •		
North:		• • • •	• • • •	• • • •
		• • • • •		
	• • • • • • • • •			•
			• • • •	
· · · · · · · · · · · · · · · · · · ·				• • • •
		• • • •		• ,• • •
× 28 →	• • • • • • •	• • • •	• • • •	
	• • • • • • •	•. • • •	• • • •	• • • • •
	• • • • • • •			
***	• • • • • • •	• • • • •	• • • • •	
	3" CAP	• • • •	• • • • •	
			• • • • •	
<u>%</u>			•	
		· · · · · · · · · · · · · · · · · · ·		* .
3'70/9				• • •
22/	/		· · · · · · · ·	
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	_ Killer to	willow	S.t.	
2 100	<del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del>	· · · · ·		
13644				
Sand A				
· il · · · · · · · · · · · · · · · · · ·		• • • • • •		
3	**************************************		· · · ·	
7/1-7				
. T	. Killes to	11/1/100	.: .:	• .• . •
3" p64	· · MILLIEW . FE	3. Wille	₩~	• • • •
		• • • • •	· · · · · · · · · · · · · · · · · · ·	• • •
	• • • • • • •	• • • • • •	• • • •	• • •
		• • • • • •	• • •	
			• • • •	• •
	ABANDONED	-	• • •	
	STAIN			
	• • • • • • •	• • • • • •		
		• • • • • •	• • •	
· · · · · · · · · · · · · · · · · · ·				·
		• • • • • •		
				·· · ·
· · · · · · · · · · · · · · · · · · ·				
$\cdots \cdots $		· · · · · · · · · · · · · · · · · · ·		
	· • • • • • • • • •			
		and the second s		

		•	
Atmos Energy - Construction Survey  Address / Location:	wo 🗌 alms	SSD No:	
Service Performed:	Zip:	<b>1</b>	State:
Drawing for Posting to Maps:	<b>A</b>	14	
North:	27-	32	WASHI
MEN C		132	2. 000
7.57ebC		· * · · · · · · · · · · · · · · · · · ·	Block
· · · · · · · · · · · · · · · · · · ·	r 28:	25'	Acous
		8 2	Lecumentones
	4- 26:-	28-	Beech
		729	2 election Black  Coupling
	*- 21-	32 -	SPRUEG .
		#25 ·	Was Black
		30'	
		\$	willow

	- Construction S	Survey Dawo	☐ ALMS	SSD No:		
Address / Location: Service Performed:			Zip:		State:	
rawing for Posting to Maps	:					
North:	9	• • • • • • •	• • • • •			• • •
Worth:	<b>9</b>					• •
N. N.	6					
ž .	<u> </u>					
· · · · · · · ·	<i>b</i>					
	87				• • • • • •	
	<b>&amp;</b>	• • • • • • • • • •				
	<b>4</b>					• •
	7	• • • • • • •	• • • • •			
	1	· · · · · · · · · · · · · · · · · · ·				• •
	1					
		· · · · · · · · ·				
	1				·	
		· · · · · · · · · · ·				
						• •
			• • • •			• •
		. ,		• • • • • •	•	• •
						•
· · · · · · · · · · · ·						
				· · · · / /		
		· · · · · · · · ·	. <b></b> .			٠,
		· · · · · · · ·				•, •
			<del></del>	·	L	•
CENTRAL	*28-	322'	10, 1	- 68- Je	- K- 12	• •
	. 10		7/3	3 N		
· · · · · · · ·				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		• •
					1	
		ğ.ý				2 m
						12° EL
				1 . 60		
		Suites ferentates		1 . 60		
				1 . 60		,
				1 . 60		R. 10.
				1 . 60		
				52		
				52		
			2.00	52		A. 80.
				\$2		R. C.
			2.00	\$2		R. enc.
			2.00	\$2		2. m
			2.00	\$2		N. 182.

Atmos Energy - Construction Survey  Address / Location:	y □ FWO	☐ ALMS	SSD No:	
Service Performed:		Zip:		State:
Drawing for Posting to Maps:				
North: Dia. A				· · · · · ·
			25	
		1		
	· · · · · · · · · · · · · · · · · · ·	TEE	· · · · <u>↓</u> ·	41: 51
	· · · · · · · · · · · · · · · · · · ·			47. 24.
سست در وافر و او او او او او او افر در در در در در او او او		· · · · · · · · · · · · · · · · · · ·	27 <del>-</del>	
	· · · · · ·		.   -	
	· · · · · ·			
			0	
		200		
ALLEY			31	
		"ELL		
		ELL	]	
		\.		
X1571N6		/		
LEW. CONTRECTION.	1 2"	FE \	:	
ALVE	· 6 /	\		
	+ -		. 🗱 .	
,		/o': <del>- &gt; </del>	3/ <del></del>	
• • • • • • • • • • • • • • • • • • • •	. , 6,	• • •		
			ο	
	* * · · · ·	o'	- 8/	511 ST
	<del></del>		<del></del>	
	. 2		· i	
			PRUCE	
	· Ł.		8	
	- W			1
<u> </u>	<del></del>	<u> </u>	-attach additional pag	es for drawing when necessary-

٠,

ţ

<b>Atmos Energy - Construction S</b>	urvey	☐ FWO	ALMS	SSD No:	
Address / Location:					
Service Performed:			Zip:		State:
awing for Posting to Maps:	6				SPRUCE
	\$	• • •	<i>.</i> .		· · <u> </u>
North:	7	7			
	<b>3</b> 7				
	<b>.</b>			1: 1	3/16
				10	
į į į į į į į į į į į į į į į į į į į		1		1	
					· · · · · · · · · · · · · · · · · · ·
			. 4	→ ··→	4/14
				tu	
	I · · · ·				• • • • • • • • • • • • • • • • • • •
					4/2
				•	19
			.		
					. <b></b>
				N	
					410
				م ا	· • • • <u>L.</u>
	· · · · .			· · · · · · · · · · · · · · · · · · ·	
					/o@
		•		- 00	o o
4					
[ \$					
White .					
			- Ja		406
<u></u>			.	.	
		4	.		
		<b>*</b> · ·	.		1
		· · ·	· <del> </del>	+10,>	cla di
				1	• • • • • • • • • • • • • • • • • • • •
		(N)		1   .	
		4			
		• •			
	: : : <b>!</b>			- is is	10
	, . [		. [	1	10   .
				1	
					<b>/</b>
		• • •			N
		• • •		Willow	2 Par
		• .			ages for drawing when necessar

25. 25. 25. 25. 25. 25. 25. 25. 25. 25.	Atmos Energy	- Construction Surve	e <b>y</b> □ pwo.	☐ ALMS	SSD No:	
Drawing for Positing to Maps:  North:    515					•	
Service (2700)				Zip:	<del></del>	State:
2. 60 1 28. 4. 6. 6. 5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.						Beec 4
\$15 \\ \frac{20}{2} \\ 2						
8. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.		\$15	8. 0		3,	5/6
8. 5. 6.14  Sod.		<u> </u>	***			31.5
2. Poly  2. Poly  3. S.						
8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8		\$ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20		- co	5/2
8: 38. 38. 38. 38. 38. 38. 38. 38. 38. 38.		·	3. 0		9,	0
7 I Row 505 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Nec	<del> </del>			- co	
503 37 60	<del></del>					200
	(%)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			Cq	
		37	• • • • • • • • • • • • • • • • • • •		<b>*</b>	502
		. 1	)			SPRUCE

	onstruction Survey	PWO ALMS	SSD No:	
Address / Location: Service Performed:		Zip:	State:	
awing for Posting to Maps:			GRANT	
North:	F . 5			618
			36,	
	6.13	Q	00	616
	[6]	•		6/4
	60.	₹		6/2
	39.		20 20	<u>e</u>
Ew Caysya	605	ò	- 6 , 36	600
ST. IRAN	[ So 7]	× · · · · · · · · · · · · · · · · · · ·		606
	60)	9		6
			32"	602
			BEECH.	• • • • •

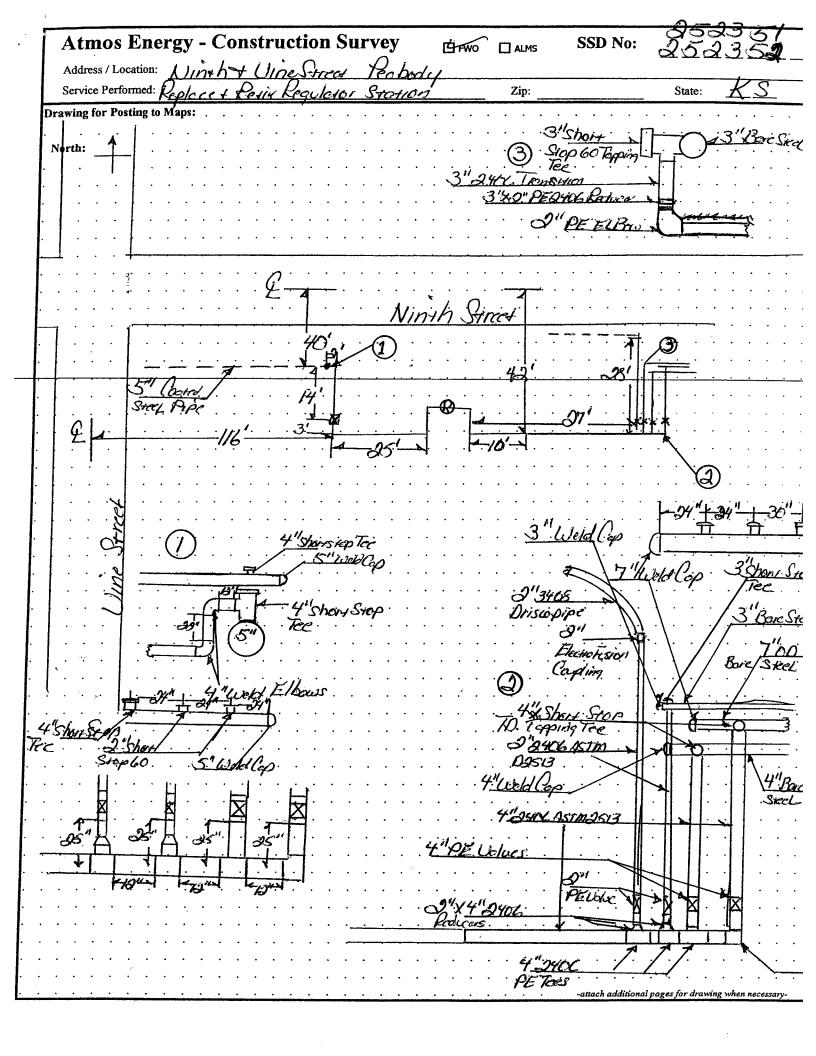
Atmos Energy - Construction S	Survey	□ rwo	ALMS	SSD N	lo: 	
Address / Location:	· · · · · · · · · · · · · · · · · · ·			<del> </del>		
Service Performed:			Zip:		Sta	te:
wing for Posting to Maps:	• • • •	• •	[	• • •		• • • • •
orth:	• • • • •	]				
ld A	5 H 1 TA					
, , , , , , , , , , , , , , , , , , ,	- 47 774		· · · •			
		.				
	• • • • • •	.	· · ·   <del>K</del>		1 2	. 7%
		.				· · L
	• • • •	• •   •	]			• • • • •
		.				· · · · · ·
		.	• • •			7
					38	7/4
	• • • • •					
	· • • • • ·		٠. اــ		.0	7112
						· · · ·
		.	]			. [5]
					.00	7/0
		.   2				
		.   3			🖣	• . • • • • •
		1	.			• • • • • •
				• • •		. 3
	• • • •	•   •			0, 6	708
		.   .		• •		٠ ـ ــــا ٠
	• • • • •		] .			• • • • •
					66	706
		.		T		
		. ] .		<u> </u>	1	· · · · · · ·
		.   .				
				4		
		.   .	· ·  -		0	701
		.   .	.			
		•   •	.	· · · ·		
			.	· / ·		. 2
	• • • • •	.   :	· K		Ø	702
		. } .	b.		7	· • • • • • • • • • • • • • • • • • • •
		.   .				• • • •
· · · · · · · · · · · · · · · · · · ·		· •	* · <del>L</del>			
					1 .	GRANT.

	ergy - Construction	on Survey	☐ FWO	ALMS	SSD No:	
Address / Location: Service Performed:			·	Zip:		State:
		CENT	RAL	7. <del>4.</del>		
rawing for Posting to	Maps:	· ····································	~~~	1		
					· · · · · .	
North:						
					· · · • • · · ·	8 00
			• • } • }	· · · • •	· 10 ·-	9.00
• • • • •			·   ·			·   · · <u>  · · </u>
			·			
			·   ·			00
			. } . }	+		820
			·   ·			
			-	· · ·		
			·   ·	}		6
:					· · ·   ò · ·	80 80
			·   ·	· · · }		,   ,   o
			·   ·	}		
	1					· I m
					<b>├</b>	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
			.   .			
			.   .			8/2 0
			.   .		6	91 A
<i></i> .			.   .			Poly
						1
					[	.50
						3/8
			[	[		7 ] "
				[		
					Can.	9 9
					-	. 0
						.
• • • •						800
• • • • •			.   .	• • •	15 -	- N
<b>.</b>		,   .	.   .			
			.   .   .			<u></u>
6	• • • • • • • •		.   .			7
3, 13.			.   .		- 6 -	→ · ·   ĕ
			.   .			·   · ·
			.   .			
7. 47.		• • • • • • • • • • • • • • • • • • • •	. 13.	• • •		70804
	• • • • • • • •	• • • • • •	. 14 . }	!	ô: ·-	-¾·· ×
	• • • • • • •	$\cdot$ $\cdot$ $\cdot$ $\cdot$ $\cdot$ $\cdot$ $\cdot$	. 3 .			.
.		• • • • • • • • •	٠ اق	• • • • •		
			·   · }			60 . 17
		· 12 · 14 · ·	. ! .	· · ·	c: -	202
	• • • • • • •	· 3 · · ] · ·				
		· * · · · · · · · · · · · · · · · · · ·			· · ·  3 · ·	. 1
				:	<u></u>	<u></u>

Name of Project : PEABODY TBS				Date:	8/23/2006
Town: PEABODY,KS Regi	on: So	DUTH KANSAS	Location:	CC3136	
PROJECT DESCRIPTION:					
TOTAL DEDLACEMENT OF THE TROUBLE	DEADOD	V 1/0			· · · · · · · · · · · · · · · · · · ·
TOTAL REPLACEMENT OF THE TBS IN	PEABOD	Y,KS			
	· · · · · · · · · · · · · · · · · · ·				
				<del></del>	
Footage Size	Туре	Del.Press.	P	-O-W	Public Private
Projected Load: Annual		MCF Hourly		MCF	MAOP:
Normal Operating Pressure:			Estimated Pro		\$ 37,238.86
ROE: % Project Life :	YRS.	NPV	IRR	%	Orew Company or Contract COMP
Aid in Construction:	¬''''		tional information, (fi		
Non-Refundable Contributions		Drive	Folder	ow oldaloo, b	File Name
Contract Type:	المتند			<del></del>	
Contract Amount:					
Contract Date:		Any addition	onal comments place	e in Drive, Fol	der, & File listed above
Contract signed by:	Date '				Related to this P&N:
Request/Task No.: 060.14622	is Re	quested:	<del></del>		
	e DeArm	ond			
APPROVALS:					
Initiator: Ron Hoag			Date:	8/23/200	6
Comments Please review and approve	)				
Recommend Approval: Allen Spaur			Date:	8/23/200	6
Comments Technical review complete	d.				
			-		
Recommend Approval: Jim McDern	nott		Date: _	8/23/200	6
Comments Measurement Approval					
· · · · · · · · · · · · · · · · · · ·					
Recommend Approval: greg wolff	<del></del>		Data	8/23/200	^
Comments approved	··		Date: _	0/23/200	<u>•</u>
conments approved	<del>- · - , , , , , , , , , , , , , , , , , </del>	·	·		
Recommend Approval: david harsin			Date:	8/23/200	6
Comments					······································
Recommend Approval :			Date:		
Comments			-		
Recommend Approval :			Date:		
Comments					
Recommend Approval :			Date:		
Comments					
Recommend Approval :			Date: _		
Comments					
FINAL APPROVAL Mike DeA	rmond			Date: 8/	24/2006
Comments					

1	- Construction Survey	E FWO	ALMS,	SSD No:	252351
		y: Hariand	1.13		10996
Property Tax Code: 80		11/	Map #:		
Town Name: People		Town N	0 27	Division:	8 /
Address / Location:	:// . // .				
7)	lore + Resire Reculator.	Station	Zip: 100866	State:	KS.
County/Parish: Marie	Sahaal District:		Cross Ref	#: 08-7-9-0C	o/
Area: ICL / OCL	Pipeline #: 3760	349	Oracle Project		
For Irrigation Or Rural Irrig	ation Only:				
Line Name:	Secti	ion:	Block:	Survey	:
	System Type:		1	Cover:	
1. Distribution	3. Irrigation 5. Gathering	1. Dirt	3. Asphalt		7. Other
2. Rural Distribution	4. Transmission 6. Storage	2. Brick		6. Liquid	
	System MAOP (psig)	36"	Approximate	Pipe Depth (inche	:s)
	Found://				
Leak Survey No:		Leak Orde			
Time Found:	am/pm Time Classified:	am / pn			3 4
Apparent Location:  1. Main 4. Riser		Popula Commercial - Dense	ation Density:  4. Residential - Light	1. Without Outside	vice Risers:
2. Service 5. Yard Line	1 Trougett Ding (10).	Commercial - Light	5. Rural - Class 1, 2	2. Adjacent to Bui	<del></del>
3. Meter Loop 6. Other		Residential - Dense	6. Rural - Class 3, 4	3. Away from Buil	
Magnitude of CGI Indication		Comments:			
% Gas % LEL	<del></del>	· ·			
Third Party	Damage / Billing Informat	ion:	Leal	k Re-Evaluat	ion
Third Party Name:			Employee	-	
Third Party Address:	Dhona:		ID# D	Date Grade	%Gas %LEI
Contact Name:	Phone:			<del></del>	,
Type of Work:	Reason Damage	Occurred:			
1. Sewer 7. Drainage	1. No Notification 5.	Improper Job Location			
2. Water 8. Landscaping		Failure to Hand Expose			
	3. Insufficient Locate Time 7.	Deliberate	J.		
3. Electric 9. Irrigation			<del></del>		<del></del>
4. Telephone 10. Fencing	4. Third Party Carelessness 8.		· ·		
•	•				
4. Telephone 10. Fencing 5. TV/Cable 11. Poles/Signs	s	ractor Loc	cate Ticket #:		
4. Telephone 10. Fencing 5. TV/Cable 11. Poles / Signs 6. Road Const. 12.	s Damaging Equipment:	tractor Loc	<del></del>	amage to Property:	yes / no
4. Telephone 10. Fencing 5. TV/Cable 11. Poles / Signs 6. Road Const. 12.  Located By:	Damaging Equipment:  Employee / Cont	Injuries or Deaths:	<del></del>		•
4. Telephone 10. Fencing 5. TV/Cable 11. Poles / Signs 6. Road Const. 12.  Located By:  Line Pressure: (psig)  Leak Area; in ²	Damaging Equipment:  Employee / Cont Discharge Time:(min)	Injuries or Deaths:	: yes / no Da		•
4. Telephone 10. Fencing 5. TV/Cable 11. Poles / Signs 6. Road Const. 12.  Located By:  Line Pressure: (psig)	Damaging Equipment:  Employee / Cont Discharge Time:(min)	Injuries or Deaths:	: yes / no Da		•
4. Telephone 10. Fencing 5. TV/Cable 11. Poles / Signs 6. Road Const. 12.  Located By:  Line Pressure: (psig)  Leak Area; in ² Drawing for Posting to Maps:	Damaging Equipment:  Employee / Cont  Discharge Time: (min)  Locate Markings Within State Law:	Injuries or Deaths:  yes / no -a	: yes / no Da		•
4. Telephone 10. Fencing 5. TV/Cable 11. Poles/Signs 6. Road Const. 12.  Located By:  Line Pressure: (psig)  Leak Area; in²  Drawing for Posting to Maps:  North:	Damaging Equipment:  Employee / Cont  Discharge Time:(min)  Locate Markings Within State Law:	Injuries or Deaths:  yes / no -a	yes / no Da	ket for all third party d	lamage incidents-
4. Telephone 10. Fencing 5. TV/Cable 11. Poles/Signs 6. Road Const. 12.  Located By:  Line Pressure: (psig)  Leak Area; in²  Drawing for Posting to Maps:  North:	Damaging Equipment:  Employee / Cont  Discharge Time:(min)  Locate Markings Within State Law:	Injuries or Deaths:  yes / no -a	yes / no Da	ket for all third party d	lamage incidents-
4. Telephone 10. Fencing 5. TV/Cable 11. Poles/Signs 6. Road Const. 12.  Located By:  Line Pressure: (psig)  Leak Area; in²  Drawing for Posting to Maps:  North:	Damaging Equipment:  Employee / Cont  Discharge Time:(min)  Locate Markings Within State Law:	Injuries or Deaths:  yes / no -a	yes / no Da	ket for all third party d	lamage incidents-
4. Telephone 10. Fencing 5. TV/Cable 11. Poles/Signs 6. Road Const. 12.  Located By:  Line Pressure: (psig)  Leak Area; in²  Drawing for Posting to Maps:  North:	Damaging Equipment:  Employee / Cont  Discharge Time:(min)  Locate Markings Within State Law:	Injuries or Deaths:  yes / no -a	yes / no Da	ket for all third party d	lamage incidents-
4. Telephone 10. Fencing 5. TV/Cable 11. Poles/Signs 6. Road Const. 12.  Located By:  Line Pressure: (psig)  Leak Area; in²  Drawing for Posting to Maps:	Damaging Equipment:  Employee / Cont  Discharge Time: (min)  Locate Markings Within State Law:	Injuries or Deaths:  yes / no -a	yes / no Da	ket for all third party d	lamage incidents-
4. Telephone 10. Fencing 5. TV/Cable 11. Poles / Signs 6. Road Const. 12.  Located By:  Line Pressure: (psig)  Leak Area; in²  Drawing for Posting to Maps:	Damaging Equipment:  Employee / Cont  Discharge Time:(min)  Locate Markings Within State Law:	Injuries or Deaths:  yes / no -a	yes / no Da	ket for all third party d	lamage incidents-
4. Telephone 10. Fencing 5. TV/Cable 11. Poles / Signs 6. Road Const. 12.  Located By:  Line Pressure: (psig)  Leak Area; in²  Drawing for Posting to Maps:	Damaging Equipment:  Employee / Cont  Discharge Time:(min)  Locate Markings Within State Law:	Injuries or Deaths:  yes / no -a	yes / no Da	ket for all third party d	lamage incidents-
4. Telephone 10. Fencing 5. TV/Cable 11. Poles/Signs 6. Road Const. 12.  Located By:  Line Pressure: (psig)  Leak Area; in²  Drawing for Posting to Maps:	Damaging Equipment:  Employee / Cont  Discharge Time:(min)  Locate Markings Within State Law:	Injuries or Deaths:  yes / no -a	yes / no Da	ket for all third party d	lamage incidents-
4. Telephone 10. Fencing 5. TV/Cable 11. Poles/Signs 6. Road Const. 12.  Located By:  Line Pressure: (psig)  Leak Area; in²  Drawing for Posting to Maps:	Damaging Equipment:  Employee / Cont  Discharge Time:(min)  Locate Markings Within State Law:	Injuries or Deaths:  yes / no -a	yes / no Da	ket for all third party d	lamage incidents-
4. Telephone 10. Fencing 5. TV/Cable 11. Poles/Signs 6. Road Const. 12.  Located By:  Line Pressure: (psig)  Leak Area; in²  Drawing for Posting to Maps:  North:	Damaging Equipment:  Employee / Cont  Discharge Time:(min)  Locate Markings Within State Law:	Injuries or Deaths:  yes / no -a	yes / no Da	ket for all third party d	lamage incidents-
4. Telephone 10. Fencing 5. TV/Cable 11. Poles/Signs 6. Road Const. 12.  Located By:  Line Pressure: (psig)  Leak Area; in²  Drawing for Posting to Maps:	Damaging Equipment:  Employee / Cont  Discharge Time:(min)  Locate Markings Within State Law:	Injuries or Deaths:  yes / no -a	yes / no Da	ket for all third party d	lamage incidents-
4. Telephone 10. Fencing 5. TV/Cable 11. Poles/Signs 6. Road Const. 12.  Located By:  Line Pressure: (psig)  Leak Area; in²  Drawing for Posting to Maps:	Damaging Equipment:  Employee / Cont  Discharge Time:(min)  Locate Markings Within State Law:	Injuries or Deaths:  yes / no -a	yes / no Da	ket for all third party d	lamage incidents-

Leak Repaired:		Repair			Employee ID#	
Repair Date:/		Weldir	ig By: Hoxes	rd Hosta	Employee ID#	1099
Facility Involved:	F 7	Origin of Leak	•		Initial	•
1. Main 4. Yard Line	1. Pipe	5. Drip	9. Longitudinal W	/eld	I. Corrosion	4. Material D
2. Service 5. Riser	2. Valve	6. Regulator	10. Clamp		2. Outside Force	5. Other
3. Meter Loop 6. Other	3. Tap	7. Compressor			3. Construction Defect	6. Third Party
	4. Fitting	8. Girth Weld			' <u></u>	
Miscellaneous:		<del></del>	of Leaks Repaired:	<u>:</u>	Type of	
1. Duplicate Order 4. Not Na		<del></del>	On Main		I. Coated Steel 4. Pl	
2. Customer's Line 5. No Lea	ak Found	<u> </u>	On Service		2. Bare Steel 5. P  3. Cast Iron 6. O	
3. Other Company						<del></del>
Type of Coating  1. Bare 4. Mill W.		1. Excellent	ndition of Coating	<u>.                                    </u>	Estimated Year  1. Before 1930	of Instanation: 4. 1970 - 1989
2. Hot Coated 5. Other:	•	2. Fair	4. Disbonded			5. 1990 - Present
3. Thin Film (Epoxy)						5. Unknown
Cathodic Protection:			Visual Inspection	on: Yes/ N		
External Corrosion:		utarmal Carmanian			Section: ROO	
1. None 3. Severe	\$	nternal Corrosion: 3. Severe	P/S Befor		P/S After:	main /
2. Slight Pit Depth:		Pit Depth:	P/S Befor		P/S After:	main /
(if available)	ii oligiti i	(if available				
Pressure Test:						
4 34 .	uration: 🕢	(hrs)min N	ledium: gas air	H ₂ O Soap	ed: yes) no MAOP	); ps
/C/12/2 . V	uration:		ledium: gas/air/		ed: yes/no MAOP	
	Comments:	<del></del>	-	•		······································
		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	·		
Install Remove	Materials	M/5	S Install	Remove	Materials	T _N
360' #6 RD	mex Wire					
	ASIM ARSI					
1 3410	H Cars	<i>n</i>	2			
-/ 4/1 1 10h	of Coop					
			1 1 .	1 . 1		
43' 3'2400	<u> ครุกทาง</u> ว	5/3 m		<del> </del>		
43' 3"24C	2 A STM 10-2 2 C D B x 4	$P_{\varphi} m$				
43' 3"240 55' 4" API6 4 6" 1000	ASTMDS LCDBX4 nOll Lit					
55' 4" API6 4 6" From 4 2" Short	LCOBX4 nOFFKit Stop60 F					
55' 4" APIS 4 C" Franctional / Task Main - 0	LCOBX4 4 Oll Kit Stopbol Fo Work	DPPE M E M Estimps M			Wali	Length
55' 4" APIS 4" Functional / Task Main - 0 Number: Service - #	LCOBX4 4 Oll Kit Stopbol Fo Work	D Pipe M E M Extinizes M	Material	Copper - 1	Thickness	Length of Pipe
55' 4" APIS 4 C" Franctional / Task Main - 0	LCOBX4 4 Oll Kit Stopbol Fo Work	Q Pipe M esticizes M Size Out-1 04	_4	Steel - 2	Thickness	
Functional / Task Main - 0  Number: Service - #	LCOBX4 4 Oll Kit Stopbol Fo Work	Pix m E m eximing m Size Out-1 04 In-2 04	<u>4</u> 2	Steel - 2 PVC - 3	Thickness , <u>409</u> <u>L&amp; 8</u>	
Functional / Task Main - 0  Number: Service - #	LCOBX4 nOff Kit Stop60 Fi Work Code 2 2	Pipe m P m Size Out-1 04 In-2 04 New-3 02	<u>4</u> 2	Steel - 2 PVC - 3 PE - 4	Thickness	
Functional / Task Main - 0  Number: Service - #	LCOBX4 nOff Kit Stop60 Fi Work Code 2 2	Pix m E m eximing m Size Out-1 04 In-2 04	<u>4</u> 2	Steel - 2 PVC - 3 PE - 4 ABS - 5	Thickness , <u>409</u> <u>L&amp; 8</u>	
Functional / Task Main - 0  Number: Service - #	LCOBX4 nOff Kit Stop60 Fi Work Code 2 2	Pipe m P m Size Out-1 04 In-2 04 New-3 02	<u>4</u> 2	Steel - 2 PVC - 3 PE - 4	Thickness ,409 188 ,250	
Functional / Task Main - 0 Number: Service - #	COBA MOST FOR STOPE OF THE Work  Code  D  L  X	Pix m  Size Out-1 O4 New-3 O2 Rem-4	<u>4</u> 2	Steel - 2 PVC - 3 PE - 4 ABS - 5 Other - 6	Thickness ,409 188 ,250	
Functional / Task Main - 0  Number: Service - #	COBA MOST FOR STOPE OF THE Work  Code  D  L  X	Pix m  Size Out-1 O4 New-3 O2 Rem-4	<u>4</u> 2	PVC - 3 PE - 4 ABS - 5 Other - 6 Cast Iron - 7	Thickness ,409 188 ,250	
Gas Loss Calculation:	Work Code 2 2 Vnit Cos	OPPE M Size Out-1 In-2 O4 New-3 Rem-4  Cost of	4 2 4 	PVC - 3 PE - 4 ABS - 5 Other - 6 Cast Iron - 7 Bare Unpr -	Thickness ,409 .288 ,250	of Pipe
Gas Loss Calculation:  Labor Hours	COBA MOST FOR STOPE OF THE Work  Code  D  L  X	Pipe m Printings m Size Out-1 04 In-2 04 New-3 02 Rem-4 Equip	4 2 4 —	PVC - 3 PE - 4 ABS - 5 Other - 6 Cast Iron - 7 Bare Unpr -	Thickness  1409  188  1050  Office Use	of Pipe
Gas Loss Calculation:  Labor Hours  Emp ID:	Work Code  2  Unit Cot	OPPE M Size Out-1 In-2 O4 New-3 Rem-4  Cost of	4 2 4 	PVC - 3 PE - 4 ABS - 5 Other - 6 Cast Iron - 6 Bare Unpr - Bare Prot - 5	Thickness , 409 188 , 250 8 Office Use Labor: Overtime:	of Pipe
Gas Loss Calculation:  CCF Lost  Labor Hours  Emp ID:  LOGGLOST  L	Work Code  2  Unit Cos	Pipe m Printings m Size Out-1 04 In-2 04 New-3 02 Rem-4 Equip	4 2 4 	PVC - 3 PE - 4 ABS - 5 Other - 6 Cast Iron - 6 Bare Unpr - Bare Prot - 5	Thickness ,#09 L&8 ,&50  Office Use Labor: Overtime: Clerical:	of Pipe
Gas Loss Calculation:  CCF Lost  Labor Hours  Emp ID:  LOGGE  LOG	Work Code  2  Unit Cot	Pipe m Printings m Size Out-1 04 In-2 04 New-3 02 Rem-4 Equip	4 2 4 	PVC - 3 PE - 4 ABS - 5 Other - 6 Cast Iron - 6 Bare Unpr - Bare Prot - 5	Thickness , # Q9  L& 8 , & SC  Office Use  Labor:  Overtime:  Clerical:  Administrative:	of Pipe
Gas Loss Calculation:  CCF Lost  Labor Hours  Emp ID:  LOGGE  LOG	Work Code  2  Unit Cos	Pipe m Printings m Size Out-1 04 In-2 04 New-3 02 Rem-4 Equip	4 2 4 	PVC - 3 PE - 4 ABS - 5 Other - 6 Cast Iron - 6 Bare Unpr - Bare Prot - 5	Thickness , # Q9 , L& B , Q S C  Office Use  Labor: Overtime: Clerical: Administrative: Material:	of Pipe
Gas Loss Calculation:  CCF Lost  Labor Hours  Emp ID:  LOGOR  LOG	Work Code  2  Unit Cos	Pipe m Printings m Size Out-1 04 In-2 04 New-3 02 Rem-4 Equip	4 2 4 	PVC - 3 PE - 4 ABS - 5 Other - 6 Cast Iron - 6 Bare Unpr - Bare Prot - 5	Thickness , # Q9	of Pipe
Gas Loss Calculation:  Labor Hours  Emp ID:  // OPT/ // OPT/ // OSG 3	Work Code  2  Unit Cos	Pipe m Printings m Size Out-1 04 In-2 04 New-3 02 Rem-4 Equip	4 2 4 	PVC - 3 PE - 4 ABS - 5 Other - 6 Cast Iron - 6 Bare Unpr - Bare Prot - 5	Thickness , # Q9 L&8 , & SC  Office Use  Labor: Overtime: Clerical: Administrative: Material: Associated Cost: Equipment Cost:	of Pipe
Gas Loss Calculation:  CCF Lost  Labor Hours  Emp ID:  LOGOR  LOG	Work Code  2  Unit Cos	Pipe m Printings m Size Out-1 04 In-2 04 New-3 02 Rem-4 Equip	4 2 4 	PVC - 3 PE - 4 ABS - 5 Other - 6 Cast Iron - 6 Bare Unpr - Bare Prot - 5	Thickness , # Q9 L88 , 250  S8  Office Use Labor: Overtime: Clerical: Administrative: Material: Associated Cost: Equipment Cost: Contractor Cost:	of Pipe
Gas Loss Calculation:  Labor Hours  Emp ID:  // OPT/ // OPT/ // OSG 3	Work Code  2  Unit Cos	Cost of Equip.  Cost of Equip.	of Gas Lost	PVC - 3 PE - 4 ABS - 5 Other - 6 Cast Iron - 6 Bare Unpr - Bare Prot - 5	Thickness , # Q9 L&8 , & SC  Office Use  Labor: Overtime: Clerical: Administrative: Material: Associated Cost: Equipment Cost:	of Pipe
Gas Loss Calculation:  CCF Lost  Labor Hours  Emp ID:  // 274  Contractor Labor:  Total	X COBY 4 NOTE LIX Stop 60 Fi Work Code 2 2 1 X Unit Cot 48	Pipe m Printings m Size Out-1 04 In-2 04 New-3 02 Rem-4  Equip Unit #:	of Gas Lost  ment Used  otal	PVC - 3 PE - 4 ABS - 5 Other - 6 Cast Iron - 6 Bare Unpr - Bare Prot - 5	Thickness , # Q9 L&8 , & SC  SS  Office Use  Labor: Overtime: Clerical: Administrative: Material: Associated Cost: Equipment Cost: Contractor Cost: Gas Loss: Total	of Pipe
Gas Loss Calculation:  CCF Lost  Labor Hours  Emp ID:  / 097/ / 0863  Contractor Labor:  Total	Work Code  2  Unit Cos	Pipe m Printings m Size Out-1 04 In-2 04 New-3 02 Rem-4  Equip Unit #:	of Gas Lost	PVC - 3 PE - 4 ABS - 5 Other - 6 Cast Iron - 6 Bare Unpr - Bare Prot - 5	Thickness , # Q9 L& 8 , & SC  8  Office Use  Labor: Overtime: Clerical: Administrative: Material: Associated Cost: Equipment Cost: Contractor Cost: Gas Loss:	of Pipe
Gas Loss Calculation:  CCF Lost  Labor Hours  Emp ID:  // 274  Contractor Labor:  Total	X COBY 4 NOTE LIX Stop 60 Fi Work Code 2 2 1 X Unit Cot 48	Cot-1 C4 New-3 C2 Streen-4  Equipulate:  T:	of Gas Lost  ment Used  otal	Steel - 2 PVC - 3 PE - 4 ABS - 5 Other - 6 Cast Iron - 6 Bare Unpr - Bare Prot - 5	Thickness , # Q9 L&8 , & SC  SS  Office Use  Labor: Overtime: Clerical: Administrative: Material: Associated Cost: Equipment Cost: Contractor Cost: Gas Loss: Total	of Pipe



Name of Project :	LaFountaine Main Lin	e Replace	ement		Date:	4/20/2007	
Town: Yates Cente	<del></del>	on: So	outh Kansas	Location:	CC3146		
PROJECT DESCRIP	PTION:						
This project would co	onsist of replacing app	rox. 850'	of isolated B/S r	nain due to 5 coll	or leaks		
<u> </u>							
Footage 850	Size2		pe Del.Press	R	-0-W	Public	_ Private
Projected Load:		N	CF Hourly	/		MAOP:	
Normal Operating F <u>APM/</u>	ressure:			Estimated Pro	ject Cost:	\$ Crew Company	3,969.92
<u>ROE:</u> %	Project Life :	YRS.	NPV	IRR	%	or Contract	comp
Aid in Constructio	n:		Add	itional information, (f	low studies, D	esign, apm etc.)	
Non-Refundab	le Contributions		Drive	Folder		File Name	
Contract Type:		الترب		Argibbig mit grid de la Companione de la Co		<del>- 1 i i i i i i i i i i i i i i i i i i </del>	
Contract Amount:		<del></del>					
Contract Date:			Any addit	ional comments plac	e in Drive, Fol	der, & File listed at	oove
Contract signed by:		Date \				Related to this Pa	<del></del>
Request/Task No.: (	060.15297	is Red	uested:				
PROJECT MANAGE	R: Br	uce Knig	ht				
APPROVALS:							
Initiator: Ron Hos	ag			Date:	4/20/200	7	
Comments Please r	eview and approve		, , , , , , , , , , , , , , , , , , ,	<del></del> -		<del></del>	
Recommend Appr			· · · · · · · · · · · · · · · · · · ·	Date:	4/20/200	7	
Comments Technic	al review completed	i.		-			
						·······	
					·····		<del></del>
Recommend Appr	oval:			Date:			
Comments							
Recommend Appr	oval:			Date:			
Comments	· · · · · · · · · · · · · · · · · · ·						
		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·			
Recommend Appr	oval:		·····	Date: _			
Comments					······································		
Recommend Appr	oval :			Date: _			
Comments							
Recommend Appr	oval :			Date: _	····	<del></del>	
Comments				····	<del></del>		
Recommend Appr	ovai :			Date: _		<del></del>	
Comments							
Recommend Appro	ovai :			Date: _		···········	
Comments		<del></del>		<del></del>			
FINAL APPROV	AL BRUCE KI	VIGHT			Date: 4/	20/2007	
Comments			······	<del></del>			

Atmos	s Energy -	Construct	ion Surv	'ey	<b>⋈</b> rwo	☐ ALMS	S	SD No:	2501	65
Genera	1 Date:	11912	007	By: I	Baker			Emp ID #:	109	LL
Property Ta	ط. سياني است. ا	2719	— Tax U	nit:	78	<del></del>	ap #:			
Town Nam	e: Lal	Entaine			Town N	umber: 6	<u> </u>	Division:	81	
Address / L			9 30C	2		·····			- , , ,	
Service Per		ce Z''Mai		· · · · · · · · · · · · · · · · · · ·		Zip:		State:	K.5.	_
County/Pari			School Distric				oss Ref#:			
Area: (ICI			760	· <u>654</u>	! 	Oracle	Project #:	060.14	735 1	<u>529</u>
	ion Or Rural Irriga	tion Only:				n				
Line Na	me:			Section:		Block:		Survey		
ليا		System Type:	5. Gathering		1. Dirt	3. Asphalt		ver: Rock	7. Other	
f	istribution ıral Distribution	Irrigation     Transmission	6. Storage	<b>!</b>	2. Brick	4. Concrete		Liquid	Other	
		System MAOP (ps	•		30"	٦,		pe Depth (inche	·e)	
Leak Fo		Found: /	<del>6</del> /					Po Dobert (Intext		
		/ / / / / / / / / / / / / / / / / / /		****	Leak Orde	er No:				
	Survey No:	am / pm	Time Classifie	 d·	am / pm		Grade:	1 2	3 4	
Time For	oparent Location:		ox Distance to	<u> </u>		tion Density:	Jiuuc.		vice Risers:	
1. Main	4. Riser	-     ""	rest Bldg (ft):	1. Commercia		4. Residential - L	ight	1. Without Outsid		
2. Service	5. Yard Line		<del></del>	2. Commercia	l - Light	5. Rural - Class I	, 2	2. Adjacent to Bu	ilding (within	10')
3. Meter Loop	6. Other	Grade	of Nearest	3. Residential	- Dense	6. Rural - Class 3	. 4	3. Away from Bui	lding (over 10'	')
Y	of CGI Indication:		ng to Main:	Comme	nts:			<del></del>		
% Gas			Level 3. Belov				Tagle	Re-Evaluat	<u> </u>	
	•	Damage / Bi	mug iniori	mation:		P	Leak	Ke-Evaluat	10N	
Third Party N				·····	<del></del>	Employee ID#	Date	e Grade	%Gas	%LEI
Contact Nam	Address:		Phone:		<del></del>	10"	Duu	, Grade	70043	/ GLILI
			<del></del>							
	Type of Work:	[]_	Reason Da	mage Occurred	l:					
1. Sewer	7. Drainage	1. No Notific		5. Improper Jo						
2. Water	8. Landscaping	2. Locate Iss	ues nt Locate Time	6. Failure to H	and Expose				***************************************	
3. Electric 4. Telephone	<ol> <li>Irrigation</li> <li>Fencing</li> </ol>		y Carelessness	8.				<del></del>		*******
5. TV/Cable	11. Poles / Signs		•	<del></del>						
6. Road Const.	12.	Damaging	Equipment:							
Located By:			Employee /	Contractor	Loc	cate Ticket #:				
Line Pressure:	:(psig)	Discharge Tim	e:(min	) Injuri	es or Deaths:	yes / no	Dama	ige to Property:	yes / no	
Leak Area:	in²	Locate Markings	Within State La	ıw: yes/ı	no -a	ittach a copy of the	locate ticket ,	for all third party a	amage inciden	ıts-
rawing for Pos	ting to Maps: .									
									• • •	
North:	- · · · · ·			1111						•
			Sec.	att.						
		. ,								
		<i>.</i>				• • • • •				
						• • • • •				٠.
			* *							
									• • •	
	<u> </u>	<u></u>			<u> </u>	at	ach additior	al pages for drawi	ng when neces.	sary-

EGTW /JAY /KON/A Leak Repaired: Repaired By: Repair Date: Welding By: Employee ID# Facility Involved: Origin of Leak: Initial Cause: 4. Yard Line 5. Drip 9. Longitudinal Weld 1. Corrosion 4. Material Defect 2. Valve 5. Riser 2. Service 6. Regulator 10. Clamp 2. Outside Force 3. Meter Loop 6. Other 3. Tap 7. Compressor 3. Construction Defect 6. Third Party 4. Fitting 8. Girth Weld Miscellaneous: Number of Leaks Repaired: Type of Pipe: 4. Not Natural Gas On Main 1. Coated Steel 1. Duplicate Order 4. PE 2. Customer's Line 5. No Leak Found On Service 2. Bare Steel 5. PVC 3. Other Company 3. Cast Iron 6. Other: Condition of Coating: Type of Coating: Estimated Year of Installation: 4. Mill Wrap 1. Before 1930 1. Bare 1. Excellent 3. Poor 4. 1970 - 1989 2. Hot Coated 5. Other: 2. Fair 4. Disbonded 2. 1930 - 1949 5. 1990 - Present 3. Thin Film (Epoxy) 3. 1950 - 1969 6. Unknown **Cathodic Protection:** Atmospheric Corrosion: Yes Visual Inspection: Per / No External Corrosion: PE Internal Corrosion: Area: Section: P/S Before: P/S After: 3. Severe 1. None 3. Severe 1. None Pit Depth: Pit Depth: P/S After: P/S Before: 2. Slight 2. Slight **Pressure Test:** Duration: | hrs/min Soaped: Ses no Medium: gas air H2O 115 psig MAOP: _____psig Main: Duration: hrs/min psig Medium: gas/air/H2O Soaped: yes / no MAOP: _____psig Residual Gas: yes (no . Comments: Replaced 2"main Install Remove Materials M/S Install Remove Materials M/S 704 Timire XI" Tap Tee (ByPass 2"x1" Tap tee 1"constab Caps 2" con Stab Caps Wall Functional / Task Main - 0 Length Number: Service -# Code Material Thickness of Pipe Size Copper - 1 __704′ __733 02 ,216 Out - 1 Steel - 2 PVC - 3 02 PE - 4 New - 3 ABS - 5 Rem - 4 Other - 6 Cast Iron - 7 Gas Loss Calculation: X CCF Lost Unit Cost Bare Unor - 8 Cost of Gas Lost Bare Prot - 9 Office Use Only: Labor Hours Hours **Equipment Used** Hours Labor: Emp ID: Unit #: Overtime: 194 10911 Clerical: 14241 19 h Administrative: 124 Material: 10983 Associated Cost: Equipment Cost: Contractor Labor: Contractor Cost: Gas Loss: Total Total Completed By: T.Ba. Date: 7-19-07 Entered By: Date: Reviewed By: Date: Tech Services: Date: Approved By: Date: Maps Updated:

Atmos Ener	rgy - Const	ruction Survey	Ø FWO □ ALMS	SSD No: 250165
r			RD.	Lafontaine Lafontaine
Service Performed:	Replaced	RD + 300th 2"Main	Zip:	State: K3
Drawing for Posting to I				
North:				7-19-2007
			· · · · · · · · ·	
			· · · · · · · ·	
				$\cdots \cdots \cdots \cdots \cdots \cdots \cdots \cdots \cdots$
	2.185			
		· · · · · · · · · · · · · · · · · · ·	Man :	
		/	Management	
140111 - 1		/'···/···	· · · · · · · · · · · · · · · · · · ·	
1'4'x1" Tap Tec 2" Con Stap	6	(yj		
· Z. CON Trap.		/ <del> /</del> <del></del>		
Z'xl' Tap Tee	141pe	/ . ] . /		
·2"xl" Con stab co	· p· · · ·	. (658)		
		7.		
		.   .   .		
· · · · · · · · · · · · · · · · · · ·				
		403		
	2' PE			
• • • • • • • • • • • • • • • • • • • •		<b></b>		
		<del> </del> . .		
2" H. Voldme Tap 1	ee			
2"Hi Volume Tap 1 2"Con Stab 2"Con Stab Cap		241		
2" Con Stab Cap		.   \$11		
		.   7		
2'PE/	<del></del>	: +-1 -		
		.		-attach additional pages for drawing when necessary-

Name of Project : 119th.	Street Widening ( \	J.S. 69	Hwy. to	Riley)		Date:	5/29/2007	
Town: Overland Park	Region:	KA	NSAS		Location:	Same		
PROJECT DESCRIPTION:								
Replace approximately 100'	of 4" p.e. and valv	e and 2	25' of 2" _j	p.e. to clear ed	dge drain for roa	d improvemen	ts.	
	· · · · · · · · · · · · · · · · · · ·					<u></u>	·······	
	Size 4' & 2" Ty			Del.Press.	x	R-O-W	Public	Private
	nual	М	CF	Hourly		_ MCF	MAOP:	60
Normal Operating Pressur <u>APM/</u>	<b>'e:</b> 55				Estimated P	roject Cost:	\$ Crew Company	28,525.20
ROE: % Proje	ct Life : \	RS.	NPV		IRF	₹ %	Contract	company
Aid in Construction				Additio	onal information, (	flow studies, De	sign, apm etc.)	
Non-Refundable Co	ntributions		Drive		Folder		File Name	
Contract Type:								
Contract Amount:								
Contract Date:				Any addition	nal comments plac	e in Drive, Fold	er, & File listed abo	ve
Contract signed by:		ate V	Vork		9	Other Project (s	) Related to this P	&N:
Request/Task No.:	i	s Req	uested:	End of June	)	060,	15369	
PROJECT MANAGER:	Mike	DeAr	mond					
APPROVALS:								
Initiator: YUNGHANS					Date	5/29/200	7	
Comments PLEASE REV	'IEW						<del></del> -	
Recommend Approval:	Allen Spaur			_	Date	5/30/200	7	
Comments Technical revi	ew completed.							
Recommend Approval:	Michael Talking	ton			Date	5/30/200	7	
Comments								
Recommend Approval:	J Barrios				Date	5/30/200	7	
Comments								
				<del> </del>				·
Recommend Approval:				<del> </del>	Date			
Comments					<del></del>	*- *- ·- ·- ·-	<del> </del>	······································
Recommend Approval:			<del></del>		Date	·	<del></del>	
Comments	- <u>.</u>							
Recommend Approval:					Date:			
Comments								
Recommend Approval:					Date		<del></del>	
Comments								
Recommend Approval:					Date:			
Comments	T							
FINAL APPROVAL	Mike DeArm	ond				Date: 5/	30/2007	
Comments								

Atmos Energy - Construction Survey	ALMS	SSD No:	251556
General Date: 08/06/2007 By: 0 Smett	ners	Emp ID #:	10955
Property Tax Code: 80327 Tax Unit: 0278	Map #:	13-13-	24
Town Name: Over land Park Town Nu	mber: 489	Division:	81
Address / Location: 119th 4 Farley			
	Zip:	State:	KS
County/Parish: Johnson School District:	Cross Ref	`#:	
Area: ICL / OCL Pipeline #: 3760 - 489	Oracle Projec	t #:	
For Irrigation Or Rural Irrigation Only:			
Line Name: Section:	Block:	Survey:	
System Type:	]	Cover:	
1. Distribution 3. Irrigation 5. Gathering 1. Dirt	3. Asphalt		7. Other
2. Rural Distribution 4. Transmission 6. Storage 2. Brick  System MAOP (psig)	4. Concrete	6. Liquid	
	Approximate	e Pipe Depth (inche	**)
Leak Survey No: Leak Orde		1 ^	2 4
Time Found: am/pm Time Classified: am/pm		1 2 Sem	3 4 vice Risers:
Approx Distance to Popula  1. Main 4. Riser Nearest Bldg (ft): 1. Commercial - Dense	tion Density: 4. Residential - Light	1. Without Outsid	
2. Service 5. Yard Line 2. Commercial - Light	5. Rural - Class 1, 2	2. Adjacent to Bui	ilding (within 10')
3. Meter Loop 6. Other Grade of Nearest 3. Residential - Dense	6. Rural - Class 3, 4	3. Away from Bui	lding (over 10')
Magnitude of CGI Indication: Building to Main: Comments:		· · · · · · · · · · · · · · · · · · ·	
% Gas % LEL 1. Above 2. Level 3. Below  Third Party Damage / Billing Information:	Log	k Re-Evaluat	ion
Thind Doorty Morean	Employee	K IXC-Evaluat	1011
Third Party Address:		Date Grade	%Gas %LEL
Contact Name: Phone:			
Type of Work: Reason Damage Occurred:	Į.		
		<del></del>	<del></del>
1. Sewer 7. Drainage 1. No Notification 5. Improper Job Location			
1. Sewer     7. Drainage     1. No Notification     5. Improper Job Location       2. Water     8. Landscaping     2. Locate Issues     6. Failure to Hand Expose			
1. Sewer 7. Drainage 1. No Notification 5. Improper Job Location 2. Water 8. Landscaping 2. Locate Issues 6. Failure to Hand Expose 3. Electric 9. Irrigation 3. Insufficient Locate Time 7. Deliberate 4. Telephone 10. Fencing 4. Third Party Carelessness 8.  5. TV/Cable 11. Poles / Signs			
1. Sewer 7. Drainage 1. No Notification 5. Improper Job Location 2. Water 8. Landscaping 2. Locate Issues 6. Failure to Hand Expose 3. Electric 9. Irrigation 3. Insufficient Locate Time 7. Deliberate 4. Telephone 10. Fencing 4. Third Party Carelessness 8. 5. TV/Cable 11. Poles / Signs 6. Road Const. 12. Damaging Equipment:			
1. No Notification 5. Improper Job Location 2. Water 8. Landscaping 2. Locate Issues 6. Failure to Hand Expose 3. Electric 9. Irrigation 3. Insufficient Locate Time 7. Deliberate 4. Telephone 10. Fencing 4. Third Party Carelessness 8. 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Damaging Equipment:  Located By: Employee / Contractor Locate Time 7. Deliberate 7. Deliberate 8.	cate Ticket #:	Demograte Property:	
1. Sewer 7. Drainage 1. No Notification 5. Improper Job Location 2. Water 8. Landscaping 2. Locate Issues 6. Failure to Hand Expose 3. Electric 9. Irrigation 3. Insufficient Locate Time 7. Deliberate 4. Telephone 10. Fencing 4. Third Party Carelessness 8. 5. TV/Cable 11. Poles / Signs 6. Road Const. 12. Damaging Equipment:  Located By: Employee / Contractor Located Expose 1. Employee / Contractor Locate	: yes / no D	Damage to Property:	,
1. Sewer 7. Drainage 1. No Notification 5. Improper Job Location 2. Water 8. Landscaping 2. Locate Issues 6. Failure to Hand Expose 3. Electric 9. Irrigation 3. Insufficient Locate Time 7. Deliberate 4. Telephone 10. Fencing 4. Third Party Carelessness 8. 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Damaging Equipment:  Located By:  Employee / Contractor Located By:  Line Pressure: (psig) Discharge Time: (min) Injuries or Deaths  Leak Area: in ² Locate Markings Within State Law: yes / no			,
1. Sewer 7. Drainage 1. No Notification 5. Improper Job Location 2. Water 8. Landscaping 2. Locate Issues 6. Failure to Hand Expose 3. Electric 9. Irrigation 3. Insufficient Locate Time 7. Deliberate 4. Telephone 10. Fencing 4. Third Party Carelessness 8. 5. TV/Cable 11. Poles / Signs 6. Road Const. 12. Damaging Equipment:  Located By: Employee / Contractor Located By: Employee / Contractor Located By: Leak Area: (psig) Discharge Time: (min) Injuries or Deaths  Leak Area: in ² Locate Markings Within State Law: yes / no	: yes / no D		,
1. Sewer 7. Drainage 1. No Notification 5. Improper Job Location 2. Water 8. Landscaping 2. Locate Issues 6. Failure to Hand Expose 3. Electric 9. Irrigation 3. Insufficient Locate Time 7. Deliberate 4. Telephone 10. Fencing 4. Third Party Carelessness 8. 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Damaging Equipment:  Located By:  Employee / Contractor Located By:  Line Pressure: (psig) Discharge Time: (min) Injuries or Deaths  Leak Area: in ² Locate Markings Within State Law: yes / no	: yes / no D		,
1. Sewer 7. Drainage 1. No Notification 5. Improper Job Location 2. Water 8. Landscaping 2. Locate Issues 6. Failure to Hand Expose 3. Electric 9. Irrigation 3. Insufficient Locate Time 7. Deliberate 4. Telephone 10. Fencing 4. Third Party Carelessness 8. 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Damaging Equipment:  Located By:  Employee / Contractor Located By:  Line Pressure: (psig) Discharge Time: (min) Injuries or Deaths  Leak Area: in² Locate Markings Within State Law: yes / no	: yes / no D		,
1. Sewer 7. Drainage 1. No Notification 5. Improper Job Location 2. Water 8. Landscaping 2. Locate Issues 6. Failure to Hand Expose 3. Electric 9. Irrigation 3. Insufficient Locate Time 7. Deliberate 4. Telephone 10. Fencing 4. Third Party Carelessness 8. 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Damaging Equipment:  Located By:  Employee / Contractor Located By:  Line Pressure: (psig) Discharge Time: (min) Injuries or Deaths  Leak Area: in² Locate Markings Within State Law: yes / no	: yes / no D		,
1. Sewer 7. Drainage 1. No Notification 5. Improper Job Location 2. Water 8. Landscaping 2. Locate Issues 6. Failure to Hand Expose 3. Electric 9. Irrigation 3. Insufficient Locate Time 7. Deliberate 4. Telephone 10. Fencing 4. Third Party Carelessness 8. 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Damaging Equipment:  Located By:  Employee / Contractor Located By:  Line Pressure: (psig) Discharge Time: (min) Injuries or Deaths  Leak Area: in² Locate Markings Within State Law: yes / no	: yes / no D		,
1. Sewer 7. Drainage 1. No Notification 5. Improper Job Location 2. Water 8. Landscaping 2. Locate Issues 6. Failure to Hand Expose 3. Electric 9. Irrigation 3. Insufficient Locate Time 7. Deliberate 4. Telephone 10. Fencing 4. Third Party Carelessness 8. 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Damaging Equipment:  Located By:  Employee / Contractor Located By:  Line Pressure: (psig) Discharge Time: (min) Injuries or Deaths  Leak Area: in² Locate Markings Within State Law: yes / no	: yes / no D		,
1. Sewer 7. Drainage 1. No Notification 5. Improper Job Location 2. Water 8. Landscaping 2. Locate Issues 6. Failure to Hand Expose 3. Electric 9. Irrigation 3. Insufficient Locate Time 7. Deliberate 4. Telephone 10. Fencing 4. Third Party Carelessness 8. 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Damaging Equipment:  Located By:  Employee / Contractor Located By:  Line Pressure: (psig) Discharge Time: (min) Injuries or Deaths  Leak Area: in² Locate Markings Within State Law: yes / no	: yes / no D		,
1. Sewer 7. Drainage 1. No Notification 5. Improper Job Location 2. Water 8. Landscaping 2. Locate Issues 6. Failure to Hand Expose 3. Electric 9. Irrigation 3. Insufficient Locate Time 7. Deliberate 4. Telephone 10. Fencing 4. Third Party Carelessness 8. 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Damaging Equipment:  Located By:  Employee / Contractor Located By:  Line Pressure: (psig) Discharge Time: (min) Injuries or Deaths  Leak Area: in² Locate Markings Within State Law: yes / no	: yes / no D		,
1. Sewer 7. Drainage 1. No Notification 5. Improper Job Location 2. Water 8. Landscaping 2. Locate Issues 6. Failure to Hand Expose 3. Electric 9. Irrigation 3. Insufficient Locate Time 7. Deliberate 4. Telephone 10. Fencing 4. Third Party Carelessness 8. 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Damaging Equipment:  Located By:  Employee / Contractor Located By:  Line Pressure: (psig) Discharge Time: (min) Injuries or Deaths  Leak Area: in² Locate Markings Within State Law: yes / no	: yes / no D		,
1. Sewer 7. Drainage 1. No Notification 5. Improper Job Location 2. Water 8. Landscaping 2. Locate Issues 6. Failure to Hand Expose 3. Electric 9. Irrigation 3. Insufficient Locate Time 7. Deliberate 4. Telephone 10. Fencing 4. Third Party Carelessness 8. 5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Damaging Equipment:  Located By:  Employee / Contractor Located By:  Line Pressure: (psig) Discharge Time: (min) Injuries or Deaths  Leak Area: in² Locate Markings Within State Law: yes / no	: yes / no D		,
1. No Notification  2. Water  8. Landscaping  2. Locate Issues  6. Failure to Hand Expose  3. Electric  9. Irrigation  3. Insufficient Locate Time  7. Deliberate  4. Telephone  10. Fencing  4. Third Party Carelessness  8.  5. TV / Cable  11. Poles / Signs  6. Road Const.  12. Damaging Equipment:  Located By:  Employee / Contractor  Located By:  Employee / Contractor  Located Area:  in² Locate Markings Within State Law: yes / no  rawing for Posting to Maps:  North:  13. North:  13. No Notification  5. Improper Job Location  6. Failure to Hand Expose  6. Failure to Hand Expose  7. Deliberate  7. Deliberate  7. Deliberate  7. Deliberate  8.  Sample of Contractor  Located By:  Employee / Contractor  Located By:  Located By:  Located Markings Within State Law: yes / no  13. North:  13. North:  13. North:  13. North:	: yes / no D		,
1. No Notification  2. Water  8. Landscaping  2. Locate Issues  6. Failure to Hand Expose  3. Electric  9. Irrigation  3. Insufficient Locate Time  7. Deliberate  4. Telephone  10. Fencing  4. Third Party Carelessness  8.  5. TV / Cable  11. Poles / Signs  6. Road Const.  12. Damaging Equipment:  Located By:  Employee / Contractor  Located By:  Employee / Contractor  Located Area:  in² Locate Markings Within State Law: yes / no  rawing for Posting to Maps:  North:  13. North:  13. No Notification  5. Improper Job Location  6. Failure to Hand Expose  6. Failure to Hand Expose  7. Deliberate  7. Deliberate  7. Deliberate  7. Deliberate  8.  Sample of Contractor  Located By:  Employee / Contractor  Located By:  Located By:  Located Markings Within State Law: yes / no  13. North:  13. North:  13. North:  13. North:	: yes / no D		,
1. No Notification  2. Water  8. Landscaping  2. Locate Issues  6. Failure to Hand Expose  3. Electric  9. Irrigation  3. Insufficient Locate Time  7. Deliberate  4. Telephone  10. Fencing  4. Third Party Carelessness  8.  5. TV / Cable  11. Poles / Signs  6. Road Const.  12. Damaging Equipment:  Located By:  Employee / Contractor  Located By:  Employee / Contractor  Located Area:  in² Locate Markings Within State Law: yes / no  rawing for Posting to Maps:  North:  13. North:  13. No Notification  5. Improper Job Location  6. Failure to Hand Expose  6. Failure to Hand Expose  7. Deliberate  7. Deliberate  7. Deliberate  7. Deliberate  8.  Sample of Contractor  Located By:  Employee / Contractor  Located By:  Located By:  Located Markings Within State Law: yes / no  13. North:  13. North:  13. North:  13. North:	: yes / no D		,
1. No Notification  2. Water  8. Landscaping  2. Locate Issues  6. Failure to Hand Expose  3. Electric  9. Irrigation  3. Insufficient Locate Time  7. Deliberate  4. Telephone  10. Fencing  4. Third Party Carelessness  8.  5. TV / Cable  11. Poles / Signs  6. Road Const.  12. Damaging Equipment:  Located By:  Employee / Contractor  Located By:  Employee / Contractor  Located Area:  in² Locate Markings Within State Law: yes / no  rawing for Posting to Maps:  North:  13. North:  13. No Notification  5. Improper Job Location  6. Failure to Hand Expose  6. Failure to Hand Expose  7. Deliberate  7. Deliberate  7. Deliberate  7. Deliberate  8.  Sample of Contractor  Located By:  Employee / Contractor  Located By:  Located By:  Located Markings Within State Law: yes / no  13. North:  13. North:  13. North:  13. North:	: yes / no D		,
1. Sewer 7. Drainage 1. No Notification 5. Improper Job Location 2. Water 8. Landscaping 2. Locate Issues 6. Failure to Hand Expose 3. Electric 9. Irrigation 3. Insufficient Locate Time 7. Deliberate 4. Telephone 10. Fencing 4. Third Party Carelessness 8.    5. TV / Cable 11. Poles / Signs 6. Road Const. 12.    Located By:	yes / no Dattach a copy of the locate to		damage incidents-

Leak Repaired:		R	lepaired By:				Employ	yee ID#		
Repair Date://	'	v	Velding By:				Employ	/ee ID#		
Facility Involved:		Origin of	Leak:					Initial Ca	use:	
1. Main 4. Yard Line	1. Pipe	5. Drip	9. 1	Longitudinal We	ld	1.	Corrosion		4. Material I	Defect
2. Service 5. Riser	2. Valve	<ol><li>Regulat</li></ol>	or 10.	Clamp		2.	Outside Force		5. Other	
3. Meter Loop 6. Other	3. Tap	7. Compre	ssor		•	3.	Construction Defec	t	6. Third Part	у
,	4. Fitting	8. Girth W				_				
Miscellaneous:		Nw		ks Repaired:		L		Type of P	ipe:	
1. Duplicate Order 4. Not Natura			On Main On Servi				Coated Steel	4. PE 5. PVC		
2. Customer's Line 5. No Leak F	ouna	L	_ On Servi	ice			Bare Steel Cast Iron	6. Othe		
3. Other Company			7	n of Coating:		<u> </u>			Installation	<del></del>
Type of Coating:  1. Bare 4. Mill Wrap		1 Fvo		3. Poor	_	<u> </u>	Before 1930		1970 - 1989	<u>.                                    </u>
2. Hot Coated 5. Other:		2. Fair		4. Disbonded			1930 - 1949		1990 - Present	
3. Thin Film (Epoxy)							1950 - 1969		Unknown	
Cathodic Protection:			Vis	ual Inspection	n: Yes	/ No	Atmosph	eric Corre	osion: Y	es / No
External Corrosion:	<u> </u>	nternal Corr		Area:		7 140	Section:			
1. None 3. Severe		3. Severe	031011.	P/S Before	e.		P/S After:		main	/ service
2. Slight Pit Depth:	2. Slight	Pit Depth:		P/S Before			P/S After:			/ service
(if available)	2. 2		f available)							
Pressure Test:				<del></del>						
_	ation:	hrs/min	Mediu	m: air	H ₂ O S	oaped:	yes) no	MAOP:	OB	psig
	ation:	hrs / min		m: gas/air/			yes / no	MAOP:		psig
Residual Gas: yes / no Cor	nments:									
Lowerd 80 41		main			<del> · · ·</del>		<del></del>			
Install Remove	Materials		M/S	Install	Remove		Mate	rials		M/S
15 4"	PE									
	·									
				<u> </u>	<u></u>					
			<del>                                     </del>							
			<del></del>		ļ					
		<del></del>		L	L		Wa	.11	Lengt	
Functional / Task Main - 0	Work		Size	Material	Comm	er - l	Thick		of Pip	
Number: Service - #	Code	Out - 1	Size	Material		er - 1 1 - 2	IMCE	EL 65	01 1 ap	
<del></del>		In - 2	<del></del>			2-3	_ <b>_</b>			
		New - 3			PE					
		Rem - 4			AB:	S - 5	<u> </u>			
				<u>.</u>	Othe	r - 6	<del></del>			
	£				Cast I	ron - 7				
Gas Loss Calculation:	_ X	<u>.                                    </u>		<del></del>	Bare U	npr - 8				
CCF Lost	Unit	Cost	Cost of Gas	Lost	Bare F	rot - 9	0	00 Tt <i>(</i>	<b></b>	
		· -	Б.	4 TT I	Hours	-	Labor:	ffice Use (	omy:	¬ '
Labor Hours	Hours	T Iie #	Equipmen	t Usea	Homs		Overtime:			
Emp ID:		Unit#	:		<del></del>	$\dashv$	Clerical:			
					<del>                                     </del>	_	Administrat	ive:		1
						_	Material:			7
						$\dashv$	Associated	Cost:		
	- 1						Equipment	Cost:		
Contractor Labor:							Contractor (	Cost:		_
							Gas Loss:			_
Total			Tota	l			Tot	al		
Completed By:	D	ate:		Entered By	<b>7</b> ‡	•		Date	:	
		Pate:	<del></del>	Tech Service				— Date	- <del></del> -	<u></u>
Reviewed By:										
Approved By:	D	ate:		Maps Update	ed:			Date	): 	

Atmos Energy - Constru		FW0	ALMS	SSD No: 2	51557
General Date: 08/06/	2007 By: [	). Smet	Hens	Emp ID #:	10955
Property Tax Code: 80327		24 P	Map #:	13-13 -	
Town Name: Overland	Panik	Town Nun	nber: 48	Division:	81
Address / Location: 119th 9	- Grant				
Service Performed: Lowered 2	Il main added 2	"VAluez	ip:	State:	U5
County/Parish: Johnson	School District:	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Cross Re	f#:	
Area: ICL / OCL Pipeline #:	3760 - 4	79	Oracle Project	et #:	
For Irrigation Or Rural Irrigation Only:					
Line Name:	Section:		Block:	Survey:	
System Ty		لــــــــا	2 4 t- 1k	Cover:	Other:
Distribution 3. Irrigation     Rural Distribution 4. Transmission	<ol> <li>Gathering</li> <li>Storage</li> </ol>	<ol> <li>Dirt</li> <li>Brick</li> </ol>	<ol> <li>Asphalt</li> <li>Concrete</li> </ol>	<ul><li>5. Rock 7.</li><li>6. Liquid</li></ul>	Other
System MAOP	-	60		te Pipe Depth (inches)	
Leak Found: Date Found:	/ /				
Leak Survey No:		Leak Order	No:		
Time Found: am/pm	Time Classified:	am / pm	Leak Grade:	1 2 3	4
<del></del>	pprox Distance to		on Density:	Servio	e Risers:
<del></del>	(19)		4. Residential - Light	1. Without Outside I	, ,
2. Service 5. Yard Line	2. Commer	Ü	5. Rural - Class 1, 2	<ol> <li>Adjacent to Buildi</li> <li>Away from Buildi</li> </ol>	- '
·	rade of Nearest 3. Resident xilding to Main: Comm		6. Rural - Class 3, 4	<b>9y</b> m	ng (0.01.1.)
	2. Level 3. Below				
Third Party Damage /	Billing Information:		Lea	k Re-Evaluatio	n
Third Party Name:			Employee		
Third Party Address:	<del></del>		ID#	Date Grade	%Gas %LEL
Contact Name:	Phone:		·		
Type of Work:	Reason Damage Occurr	red:			
		Job Location			
. •		Hand Expose			
	ficient Locate Time 7. Deliberat  Party Carelessness 8.	° F			
5. TV/Cable 11. Poles/Signs	raty carressness				
6. Road Const. 12. Dama	ging Equipment:	[			
Located By:	Employee / Contractor		ate Ticket #:		
Line Pressure: (psig) Discharge		uries or Deaths:	yes / no l	Damage to Property:	yes / no
	sings Within State Law: yes	/ no -ati	tach a copy of the locate	ticket for all third party dar	nage incidents-
Orawing for Posting to Maps:	· · · · · · · · · · · · · · · · · · ·				
North:	Side WAIK	· · · · ·			
	·	25		-13	
	·TY · · · · ·	- J		· 18.5	
· · · · · · · · · · · · · · · · · · ·	54			: : <u>1</u>	
	.1				
		119	7th:		
· · · · · · · · · · · · · · · · · · ·					<del></del> .
	<del>.</del>				
	· · · · · · · · · · · · · · · · · · ·				
			"attach a	dditional pages for drawin	when necessary-

Leak Repaired:		Re	paired By:	<u> </u>	·		Employe	e ID#	
Repair Date: / / /		W	elding By:				Employe	e ID#	
Facility Involved:		Origin of I	eak:				Iı	nitial Cause:	
1. Main 4. Yard Line	1. Pipe	5. Drip	9. Lor	gitudinal Weld	!	1. Co	orrosion	4. Ma	terial Defect
2. Service 5. Riser	2. Valve	6. Regulator	10. CI	amp		2. Ou	itside Force	5. Oth	
3. Meter Loop 6. Other	3. Tap	7. Compress				3. Co	enstruction Defect	6. Thi	rd Party
	4. Fitting	8. Girth Wel					٦ "	CD:	
Miscellaneous:  1. Duplicate Order 4. Not Natural G		Num	ber of Leaks On Main	Repaired:		1 Co	ated Steel	ype of Pipe:	<del></del>
2. Customer's Line 5. No Leak Foun			On Service				re Steel	5. PVC	
3. Other Company		Lonnage				3. Ca	st Iron	6. Other:	
Type of Coating:			Condition o	f Coating:		<u> </u>	Estimated	Year of Instal	lation:
l. Bare 4. Mill Wrap		I. Exce	llent 3.	Poor		l. Be	fore 1930	4. 1970 - 1	989
2. Hot Coated 5. Other:		2. Fair	4.	Disbonded		2. 19:	30 - 1949	5. 1990 <b>- F</b>	resent
3. Thin Film (Epoxy)					-	3. 19.	50 - 1969	6. Unknow	n
Cathodic Protection:			Visua	l Inspection:	Yes	/ No	Atmospher	ic Corresion:	Yes / No
External Corrosion:	Inte	rnal Corro	sion:	Area:			Section:	<del></del>	
1. None 3. Severe	1. None 3. S	Severe		P/S Before:			P/S After:		main / service
2. Slight Pit Depth: (if available)	2. Slight Pit	Depth:	available)	P/S Before:			P/S After:		main / service
Pressure Test:  Main: PW psig Durati	iam. 1	hrs / min	Madinma	gasy air / H	LO 64	paped: (	<b>6</b> )/m 1	илор: 8	o psig
Main: Page Durati Service: psig Durati		hrs/min		gas/air/H		paped:	_	AAOP:	psig
Residual Gas: yes / no Comm				J	•		,		`
Lowered 25 2		nain	r Adde	٤ 2"	POLY	VAL	ve		
Install Remove	Materials		M/S	Instali	Remove		Materia	ıls	M/S
4 2" PC	2								
								<del></del>	
					•				
Functional / Task Main - 0	Work						Wall		ength
Number: Service - #	Code		Size	Material	Сорре	er - I	Thickne	ess	of Pipe
	0	ut - I			Steel				
		n - 2			PVC				
		ew - 3		<del></del>	PE -		<del></del>		
	R	em - 4		-	Other				
			<del></del>		Cast Ir		<del></del>	· · · · · · ·	
Gas Loss Calculation:	x	=	.1		Bare U	ърг - 8			
CCF Lost	Unit Cost		Cost of Gas L	ost	Bare P	ot - 9	0.000		Š.
fp							Off	ce Use Only:	
			E		77	7	Labor	i	
	Hours		Equipment (	sed	Hours	7	Labor:		
Labor Hours Emp ID:	Hours	Unit#:	Equipment U	sed	Hours		Labor: Overtime: Clerical:		
	Hours		Equipment (	sed	Hours		Overtime:	re:	
	Hours		Equipment U	sed	Hours		Overtime: Clerical:	re:	
	Hours		Equipment U	Jsed	Hours		Overtime: Clerical: Administrativ		
	Hours		Equipment U	Jsed	Hours		Overtime: Clerical: Administrativ Material:	ost:	
	Hours		Equipment U	ised	Hours		Overtime: Clerical: Administrativ Material: Associated C Equipment C Contractor C	ost:	
Emp ID:	Hours				Hours		Overtime: Clerical: Administrativ Material: Associated C Equipment C Contractor Co Gas Loss:	ost: ost: ost:	
Emp ID:	Hours		Equipment U	ised	Hours		Overtime: Clerical: Administrativ Material: Associated C Equipment C Contractor C	ost: ost: ost:	
Emp ID:	Hours	Unit#:					Overtime: Clerical: Administrativ Material: Associated C Equipment C Contractor C Gas Loss: Tota	ost: ost: ost:	
Emp ID:  Contractor Labor:  Total		Unit #:	Total				Overtime: Clerical: Administrativ Material: Associated C Equipment C Contractor C Gas Loss: Tota	ost: ost: ost:	

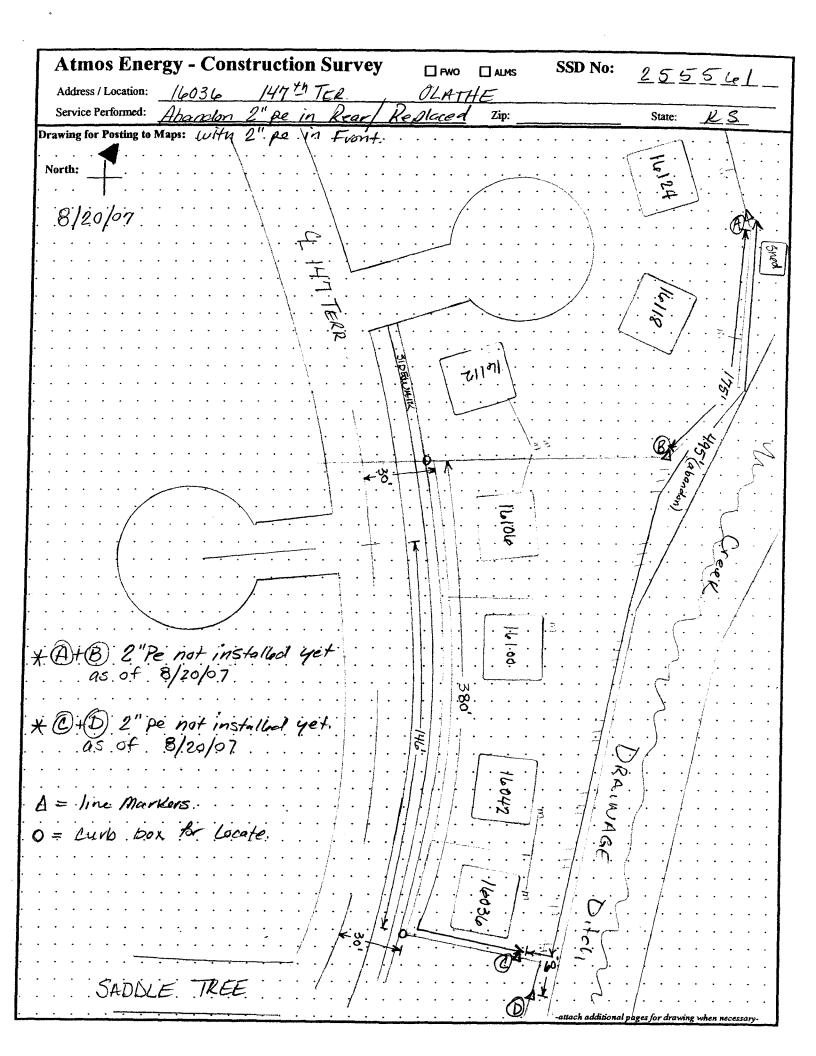
Name of Project : 82nd @ Sta	ate main Replacemen	t			Date:	3/16/2007
Town: Kansas City			-,-,-	Location:	82nd St & S	
PROJECT DESCRIPTION: Sys	stem Integ.		VW-1			· · · · · · · · · · · · · · · · · · ·
Replace 500' of Steel main with	500' of pe main (leaka	age)				
450' of 4" pe main						
50' of 2" pe main						
	otte County	STR 8-11-24		Town # 625	Pressu	re
	4,2 <b>Type</b> p	<del></del>	.Press.	<u>x</u> F	R-O-W <u>x</u>	Public Priva
Projected Load: Annual	MC	CF	Hourly	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	MCF	MAOP:
Normal Operating Pressure: APM/				Estimated Pro	oject Cost:	\$ 15,738.
ROE: % Project Li	ife: YRS.	NPV		IRR	%	Crew Company
Aid in Construction:	17.5.	INF V	And attaches - 1			or Contract
Non-Refundable Contrib	outions	Drive	Additional	I information, (flow stud Folder		File Name
Contract Type:	Juliona	Dire	<u> 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. – 19. </u>	roider		rue Name
Contract Amount:					<u> </u>	
Contract Date:			i oddiional a	comments place in Drive	Caldas 9 C	In Bathal at also
Contract signed by:	Date W		y additional c			
Request/Task No.:	is Requ		/16/2007	<u>Otne</u>	r Project (s)	Related to this P&N:
PROJECT MANAGER:	· · · · · · · · · · · · · · · · · · ·	Barrios	10/2007		·	
APPROVALS:	OCHY	Darrios	<del></del>			·
Initiator: David M. Huggins				Data	3/16/200	17
Comments PLEASE REVIEW	FOR APPROVAL				3/10/200	<u>''</u>
Recommend Approval: Alle				Date:	3/16/200	7
Comments Technical review of		<del></del>		Date.	3/10/200	<u>'1</u>
	ompiotou.	···· · · · · · · · · · · · · · · · · ·				
			***			····
Recommend Approval: Mic	hael Talkington			Date:	3/16/200	7
			· <del>V 1 1</del>			<del></del>
				· · · · · · · · · · · · · · · · · · ·	·····	
Recommend Approval:				Date:		
Comments						
						······································
Recommend Approval:	· · · · · · · · · · · · · · · · · · ·			Date:		
Comments	<u></u>					
Recommend Approval :			·	Date:		
Comments	·					
Recommend Approval :	· · · · · · · · · · · · · · · · · · ·			Date:		
Comments	<del></del>					
Recommend Approval :			·	Date:		···
Comments		·				
Recommend Approval :	***			Date: _		
Comments						
FINAL APPROVAL J B	Barrios				Date: 3	/20/2007
Comments					Jake	

Atmos Energy -	Construction Survey	□∓wo	☐ ALMS	<b>SSD No:</b> 255851
General Date: 0 4	11012007 By: 1	nyons		Emp ID #: /0972
Property Tax Code: 801	706 - Tax Unit: 010	<b>)</b>	Map #:	8-11-24
Town Name: KANS			mber: 625	Division: <b>\$</b> 1
Address / Location: 82		70	MINNESO	TA
Service Performed:	CACE Y' MAIN		Zip:	State: 1<5
County/Parish: WY AW		<u></u>	Cross Re	
	Pipeline #: 3760 - 62	5	Oracle Projec	et #:
For Irrigation Or Rural Irrigati			-	
Line Name:	Section:		Block:	Survey:
	System Type:	7	7	Cover:
1. Distribution	3. Irrigation 5. Gathering	1. Dirt	3. Asphalt	5. Rock 7. Other
2. Rural Distribution	4. Transmission 6. Storage	2. Brick	4. Concrete	6. Liquid
<b>30</b> s	System MAOP (psig)	36	Approxima	te Pipe Depth (inches)
Leak Found: Date F				
Leak Survey No:		Leak Orde	т No:	
Time Found:		am:/.pm		1 2 3 4
Apparent Location:	Approx Distance to		tion Density:	Service Risers:
1. Main 4. Riser	Nearest Bldg (ft): 1. Commerce		4. Residential - Light	1. Without Outside Riser (Vault)
2. Service 5. Yard Line	2. Commerce	cial - Light	5. Rural - Class 1, 2	2. Adjacent to Building (within 10')
3. Meter Loop 6. Other	Grade of Nearest 3. Residenti	ial - Dense	6. Rural - Class 3, 4	3. Away from Building (over 10')
Magnitude of CGI Indication:	Building to Main: Comm	nents:		
% Gas % LEL	1. Above 2. Level 3. Below		<del>,                                    </del>	
Third Party	Damage / Billing Information:			ak Re-Evaluation
			Employee	2.1
Third Party Address:	Phone:		ID#	Date Grade %Gas %LEL
Contact Name:	r none.			
Type of Work:	Reason Damage Occurr	red:		
1. Sewer 7. Drainage	I. No Notification 5. Improper	· Job Location		
2. Water 8. Landscaping	2. Locate Issues 6. Failure to	Hand Expose		·
3. Electric 9. Irrigation	3. Insufficient Locate Time 7. Deliberate	e		
4. Telephone 10. Fencing	4. Third Party Carelessness 8.		<del></del>	
<ul><li>5. TV / Cable 11. Poles / Signs</li><li>6. Road Const. 12.</li></ul>	Damaging Equipment:		<del></del>	
Located By:	Employee / Contractor	I or	cate Ticket #:	<del></del>
Line Pressure: (psig)	<del></del>	uries or Deaths	<del></del>	Damage to Property: yes / no
Leak Area: in ²	***************************************		•	
	Locate Markings Within State Law. yes	/ no	attach a copy of the locate	ticket for all third party damage incidents-
Drawing for Posting to Maps: .				
North:				
– –				
				• • • • • • • • • • • • • • • • • • • •
		• • • •		• • • • • • • • • • •
				dditional pages for drawing when necessary-

Address/Location: \$2MD \ STATE AVE Service Performed:  Drawing for Porting to Maps:  North:  \[ \begin{align*} \text{STATE} & \text{STATE} \\ \text{STATE} & \text{STATE} \\ \text{STATE} & \text{STATE} \\ \text{PROPOSEO REPLACENTY \\ \text{N LZD} & \text{N LZD} & \text{N LZD} \\ \text{N LZD} & \text{N LZD} & \text{N LZD} \\ \text{N LZD} & \text{N LZD} & \text{N LZD} \\ \text{N LZD} & \text{N LZD} & \text{N LZD} \\ \text{N LZD} & \text{N LZD} & \text{N LZD} \\ \text{N LZD} & \text{N LZD} & \text{N LZD} \\ \text{N LZD} & \text{N LZD} & \text{N LZD} \\ \text{N LZD} & \text{N LZD} & \text{N LZD} \\ \text{N LZD} & \tex
Drawing for Posting to Maps:  North:  B"ST 10"ST  4"VALUE"  REPOSED REPLACEM IN RED  RAWCH WEST. 18  BOWLING
19"ST 10"ST  4"VALUEN EXISTING IN BLUE PROPOSED REPLACEN IN RED  BOWLING
RANCH WEST. B. BOWLING.
2"VALUE  2"VALUE  2"PZ.  4" POLYVALIE

Name of Project: 146th and LOCUST		Date:	5/30/2007
	lion: KS	Location: SAME	
PROJECT DESCRIPTION: CONSTRUC	THE CONTRACTOR OF THE CONTRACT		
THIS WILL BE BE DONE WITH COMPAN	NY CREWS. NEEDS TO BE	DONE BY MIDDLE TO LAS	T OF JUNE 2007
We to the second			
			***
Footage 800 Size	Type Del.Press.	R-O-W	Public Private
Projected Load: Annual	Type Del.Press.  MCF Hourly		
· · · · · · · · · · · · · · · · · · ·	<del></del>		
Normal Operating Pressure: 55 APM/	3	Estimated Project Cost:	\$ 9,093.00
<del></del>	VD0 NDV	IDD 0/	Crew Company
ROE: % Project Life :	YRS. NPV	IRR %	or Contract
Aid in Construction:	Additio	onal information, (flow studies, E	Design, apm etc.)
Non-Refundable Contributions	Drive	Folder	File Name
Contract Type:			
Contract Amount:			
Contract Date:	Any addition	al comments place in Drive, Fo	Ider & File listed above
Contract signed by:	Date Work		
Request/Task No.:			Related to this P&N:
· · · · · · · · · · · · · · · · · · ·	TALKINGTON	07 <u>040,</u>	15.380
	TALKINGTON		· · · · · · · · · · · · · · · · · · ·
APPROVALS:			
Initiator: TOM PETERSON		Date: <u>5/30/200</u>	7
Comments			
Recommend Approval: Allen Spaur		Date: 5/31/200	7
Comments Technical review complete	d.		<del></del>
Recommend Approval:		Date:	
Comments			
Recommend Approval:		Data	<del></del>
· · · · · · · · · · · · · · · · · · ·		Date:	
Comments			
	10		
Recommend Approval:		Date:	·
Comments			
Recommend Approval :		Date:	
Comments			
Recommend Approval :		Date:	
Comments			***
Recommend Approval :		Date:	·
Comments			<del></del>
Recommend Approval :		Date:	
Comments		Date.	<del></del>
Comments			
FINAL APPROVAL Michael 1	alkington	Date:	31/2007
Comments			

Atmos E	Cnergy - (	Construction Su	ırvey	☐ FWO	ALMS	SSD No:	255561
General I	Date: 0 8	1/6/200	<u>7_</u> ву:			Emp ID#	<b>:</b>
Property Tax Co		· ·	Cax Unit:		Map #:	<del>-</del> -	
Town Name:	OLATH	F.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Town Nu	ımber: 3 6 9	Division:	8/
Address / Locat	ion: /4/7	INTERR + S	addle Tree				
Service Perform		ced 2" pe mai			Zip: 66061	State:	KS
County/Parish:	Johnson	, , , , , ,		<del></del>	Cross R		
Area: ICL /		Pipeline #:			Oracle Proje		
	Or Rural Irrigati	<u> </u>					
Line Name:	,		Section:		Block:	Survey	<i>r</i> :
	7	System Type:			1	Cover:	
1. Distribu	ution	3. Irrigation 5. Gat	hering	1. Dirt	3. Asphalt	5. Rock	7. Other
2. Rural D	Distribution	4. Transmission 6. Sto	rage	2. Brick	4. Concrete	6. Liquid	
	7 s	ystem MAOP (psig)		32"	Approxima	ate Pipe Depth (inch	es)
Leak Foun							
Leak Surv				Leak Orde	r No:		
Time Found:		am/pm Time Cla	esified:	am / pm		: 1 2	3 4
<del>,</del>	ent Location:	Approx Distance			tion Density:		vice Risers:
I. Main	4. Riser	Nearest Bldg (	<del></del>	·····	4. Residential - Light	1. Without Outsi	
2. Service	5. Yard Line		2. Commerci	al - Light	5. Rural - Class 1, 2	2. Adjacent to Br	ilding (within 10')
3. Meter Loop	6. Other	Grade of Neares	3. Residentia	l - Dense	6. Rural - Class 3, 4	3. Away from Bu	ilding (over 10')
Magnitude of C	GI Indication:	Building to Mai		ents:	·· <u>··</u> ······		
% Gas	%LEL	1. Above 2. Level 3.					
Ti	hird Party	Damage / Billing In	formation:		į.	ak Re-Evalua	tion
Third Party Name					Employee	n. a.	0/6 0/7 77
	ess:	Pho	201	***	ID#	Date Grade	%Gas %LEI
Contact Name:		Tho	iic.				
Ту	pe of Work:	Reaso	n Damage Occurre	d:			
1. Sewer	7. Drainage	1. No Notification	5. Improper J	ob Location			
2. Water	8. Landscaping	2. Locate Issues	6. Failure to l	land Expose	<del></del>		**********
3. Electric	9. Irrigation	3. Insufficient Locate Tin			<del></del>		
<ol> <li>Telephone</li> <li>TV / Cable</li> </ol>	<ol> <li>Fencing</li> <li>Poles / Signs</li> </ol>	4. Third Party Carelessne	ss 8.	<del></del>			
6. Road Const.	12.	Damaging Equipme	nt:				· · · · · · · · · · · · · · · · · · ·
Located By:		Emplo	yee / Contractor	I	cate Ticket #:		
Line Pressure:	(psig)	Discharge Time:	•	ries or Deaths		Damage to Property	: ves / no
Leak Area:	in ²	Locate Markings Within St	• • •		uttach a copy of the locate		-
Prawing for Posting		2,0000 17mildings Wildings	. , , , , ,		much a copy of the tocale	inches for all third party	auriage menorias-
North:							
			• • • • •		• • • • •		
							· · · · · ·
	• • • • •						
							· · · · · ·
		•	•		• •		•

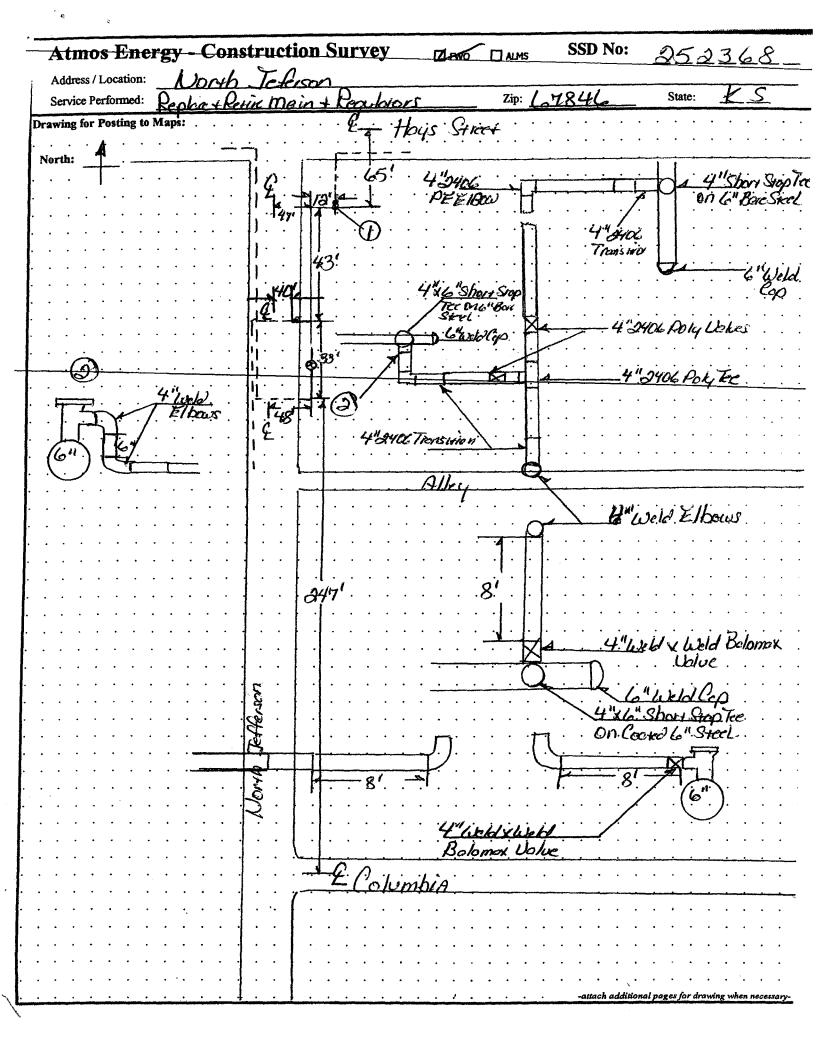


Name of Project: COUNCIL GROVE	TBS				Date:	8/24/2006	_
	gion:	SOUTH KA	NSAS	Location:	CC3136		_
PROJECT DESCRIPTION:						····	
						<del></del>	
TOTAL REPLACEMENT OF THE COU	NCIL GF	ROVE TBS					
Footage Size	Туре	. De	.Press.	R	-O-W	Public	Private
Projected Load: Annual		MCF	Hourly		MCF	MAOP:	-
Normal Operating Pressure:		_		Estimated Pro	ject Cost:	\$ 2	29,840.95
APM/		a NDV		IDD	0/	Crew Company	0040
ROE: % Project Life :	YR	RS. NPV		IRR	%	or Contract	COMP
Aid in Construction: Non-Refundable Contribution		Drive	Additi	ional information, (f Folder	iow studies, L	File Name	
	<u> </u>	Dilve		roluci		i iic ivailic	:
Contract Type: Contract Amount:							
Contract Date:			Any additio	nal comments plac	e in Drive Fo	lder, & File listed at	oove
Contract signed by:	_ 	ite Work	iny additio		<del></del>	Related to this Pa	
Request/Task No.: 060.14631		Requested	<u>!</u>	<u> </u>	,, , , , , , , , , , , , , , , , , , ,	Itolatoa to tillo i	niri.
	ike De	•					
APPROVALS:							··· · · · · · · · · · · · · · · · · ·
Initiator: Ron Hoag				Date:	8/24/200	06	
Comments Please review and appro	ve						
Recommend Approval: Allen Spa	ur			Date:	8/24/200	06	
Comments Technical review comple	eted.						
D				Doto	9/24/200	ne .	
Recommend Approval: Jim McDe Comments Measurement Approval	ermou			Date:	8/24/200	<del>70</del>	
comments ivieasurement Approvar							
					<del></del>		
Recommend Approval: GREG W	OLFF			Date:	8/25/200	)6	
Comments REVIEWED	<del>- i</del>			•			
		······································					
Recommend Approval: david har	sin			Date:	8/25/200	06	
Comments					<del> </del>		
Recommend Approval :		···		Date:		<del></del>	
Recommend Approval :			<del></del>	Date			
Comments				Date.		<del></del>	
Recommend Approval :	······································	·····		Date	******		
Comments			****			<del></del>	
Recommend Approval :				Date:			
Comments							
FINAL APPROVAL Mike De	$\Delta rmo$	nd			Date: 8	3/28/2006	
Comments							

	Atmos Energy - Construction Survey	EHWO	□ ALMS	ssd No: 252368
干	General Date: 06/15/2007 By		Hattiebb	Emp ID#: /09%
	Property Tax Code: 806040 Tax Unit:	201	Map #:	
	Town Name: Council Cross	Town N	umber: 330	Division: & /
	Address / Location:			
1	Service Performed: Replace + Retire Regulator		Zip: 10784L	State: £5
-		417	Cross Ref	
- 1		330	<del></del>	(#: 0100-14631
	Area: (ICL') OCL Pipeline #: 37/15	<u> </u>		1100
ı			Block:	Survey:
		on.	Block.	
1	/ System Type:	<u> </u>	<u> </u>	5. Rock 7. Other
-	1. Distribution 3. Irrigation 5. Gathering	1. Dirt 2. Brick	3. Asphalt 4. Concrete	<ul><li>5. Rock</li><li>6. Liquid</li></ul>
	2. Rural Distribution 4. Transmission 6. Storage			-
L	System MAOP (psig)	.3/."	Approximat	te Pipe Depth (inches)
	Leak Found: Date Found: //			
1	Leak Survey No:	Leak Ord	er No:	and the second seconds seconds and the second seconds of the second seconds of the second sec
	Time Found: am/pm Time Classified:	am / pn	n Leak Grade:	1 2 3 4
1	Apparent Location: Approx Distance to	Popula	ation Density:	Service Risers:
+			4. Residential - Light	1. Without Outside Riser (Vault)
	2. Service 5. Yard Line 2.	Commercial - Light	5. Rural - Class 1, 2	2. Adjacent to Building (within 10')
İ	3. Meter Loop 6. Other Grade of Nearest 3.	Residential - Dense	6. Rural - Class 3, 4	3. Away from Building (over 10°)
1	Magnitude of CGI Indication: Building to Main:	Comments:		
1	% Gas % LEL 1. Above 2. Level 3. Below			
1	Third Party Damage / Billing Informat	ion:	Lea	k Re-Evaluation
	Third Party Name:		Employee	
	Third Party Address:		- ·	Date Grade %Gas %LEL
	Contact Name: Phone:			
Ι.				
	Type of Work: Reason Damage	Occurred:		
1	1. Sewer 7. Drainage 1. No Notification . 5.	Improper Job Location		
	2. Water 8. Landscaping 2. Locate Issues 6.	Failure to Hand Expose		
1	•	Deliberate		
1	4. Telephone 10. Fencing 4. Third Party Carelessness 8.			
1	5. TV / Cable 11. Poles / Signs 6. Road Const. 12. Damaging Equipment:			
1			Tiol	
1	Located By: Employee / Con		ocate Ticket #:	***
1	Line Pressure: (psig) Discharge Time: (min)	Injuries or Deaths	, ,	Damage to Property: yes / no
	Leak Area: in ² Locate Markings Within State Law:	yes / no -	attach a copy of the locate t	ticket for all third party damage incidents-
Dra	wing for Posting to Maps:	• • • •	· · · · · ·	
ŀ:				
No	orth: +	0.4.4	imo	• • • • • • • • • • • • • • • • • • • •
ľ	, , , ,	.c .HHoored	insp	
ľ.	· · · · · · · · · · · · · · · · · · ·	• • • • • •		
Γ.		• • • • • •		
ľ				
ľ		• • • • •		
[				
I. :				
ļ. :				
ı -				
ļ				

.

Leak Repaired:			Repaired 1	Ву:		Em	ployee ID#	
Repair Date: /	/		Welding-E		11/1/21	1	plovee ID#	
Facility Involved:				77 7 11 (L. 1777) (C. 1777) (C. 1777) (C. 1777)		Em		1076
1. Main 4. Yard Line	1. Pipe	Origin of 5. Drip	Leak:	9. Longitudinal We	.1.3		Initial C	
2. Service 5. Riser	2. Valve	6. Regula	***	10. Clamp	sta	Corrosion     Outside Force		4. Material Defect
3. Meter Loop 6. Other	3. Tap	7. Compr		10. Clamp				5. Other
3. Madei 200p 0. Ollidi	4. Fitting	8. Girth V				3. Construction D	siect	6. Third Party
NG	4. Themg					<del></del>		
Miscellaneous:  1. Duplicate Order 4. Not Nat		Nu		Leaks Repaired:	-	<u> </u>	Type of I	?ipe:
		<b> </b>	-	Main		1. Coated Steel	4. PE	
Customer's Line 5. No Leak     Other Company	Pound	L	J On S	Service		2. Bare Steel	5. PVC	
		<u></u>	<b>-</b> 7			3. Cast Iron	6. Othe	
Type of Coating		<u> </u>		ition of Coating:	_			Installation:
1. Bare 4. Mill Wri	ф	i. Exc		3. Poor		I. Before 1930		1970 - 1989
2. Hot Coated 5. Other: 3. Thin Film (Epoxy)		2. Fai	r	4. Disbonded		2. 1930 - 1949		1990 - Present
Call B. Bad All						Unknown		
	-		`	Visual Inspection	n: Yes	No Atmos	pheric Corr	osion: Yes (No
3 External Corrosion:	/ In	nternal Corr	osion:	Area:		Section:	***************************************	
1. None 3. Severe	1. None	3. Severe		P/S Before	e: <u>.98</u>	P/S After	r: <u>198</u>	main service
2. Slight Pit Depth:	2. Slight l	Pit Depth:	(favailable)	P/S Before	e:	P/S After	r: 	main / service
(1.17.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		, t	(1 4 4 11 10 10)					
Pressure Test:								
Main: 220 psig Du	tration: <u>30</u>	hrs min		lium: gas(air)l		aped yes no	MAOP:	1/a_psig
Service: psig Du	ration:	hrs / min	Med	lium: gas/air/l	H ₂ O So	aped: yes/no	MAOP:	psig
Residual Gas: yes (no) Co	omments: Ro	olege 4 l	Optier	Porcher	Surcos	+ Replace +	Detuc 1	a" Stee ( to like
4" PE + Sweet	7			7				
Install Remove	Materials		M/S	Install	Remove	. Ma	terials	M/S
3 240x, PE	VST Toms	Hons 4"		1	1	HUDYLY POL	Tep	m
2 24X 4x	Pole Unha		m	2/1		4 Borr Storl	1	m
2 Udie Be	Ne C		m	(1)	1	HX DAN ASTI	ทบจรณ	
1, 24 27	extolix		m	641	9	2 Anneili		m
4 41.20	Flhouse	<del></del>	m	3	1	o"Weld Con		m
3 6449	port Stop Tex	r.C	m	26	-		Wire	m
1 2419002	40. Ellow	<u>;</u>	m	2	5	PEZR Rock	war Fish	,
1 4" Pr To	b Pra Stote	ion						
Functional/Task Main - 0	Work					7	Vall	Length
Number: Service - #	Code		Size	Material	Copper	1 Thi	ckness	of Pipe
011040		Out - 1	04	2	Steel -		88	al
01204	2		04	. 4	PVC -		HO10.40	71
98000	_	New - 3	06	2	PE	- · ·	24	73'
		Rem - 4			ABS -	5		Annual Matter States - Matter springs
					Other ·	-6		
					Cast Iro	n - 7		
Gas Loss Calculation:	x	=======================================			Bare Unp	or - 8		
CCF Lost	Unit Co	ost	Cost of	Gas Lost	Bare Pro			
							Office Use (	Only:
Labor Hours	Hours		Equipme	ent Used	Hours	Labor:		<b></b>
Emp ID:		Unit #:				Overtime	<u>:                                    </u>	<del> </del>
10996						Clerical:		<b> </b>
10893				`		Administ		<b> </b>
10934		]				Material:		<del> </del>
10924						Associate		<del> </del>
10900a		<u> </u>				Equipme		<del> </del>
Contractor Labor 10847						Contractor Gas Loss		<b></b>
11006			,				otal	<del> </del>
Total		<u> </u>	To	tal l		J	- UMI	<u></u>
Completed By:	Da	te: <u>6-18</u>	-07	Entered By:			Date	e:
				Tech Service	8.		Date	e:
Reviewed By.		te:6781						
Approved By: //pundl/b/	Dar	te:6-/87	27	Maps Update	d:		Date	a:



Name of Project : Savonburg Main				Date:	4/20/2007	<del>.</del>
	Region:	South Kansas	Location:	CC3146		
PROJECT DESCRIPTION:						
Above ground main needs replaced d	ue to unrepa	irable leaks, at	this time this section	is on an al	oove ground	
by-pass						
Footage 425 Size 2	Туре	pe <b>Del.Pr</b>	ess R	-O-W	Public	Private
Projected Load: Annual		MCF Ho	urly	MCF	MAOP:	
Normal Operating Pressure:			Estimated Pro	ject Cost:	\$	2,666.31
APM/					Crew Company	
ROE: % Project Life :	YRS	. NPV	IRR	%	or Contract	comp
Aid in Construction:			Additional information, (f	low studies, D	esign, apm etc.)	
Non-Refundable Contribution	ns	Drive	Folder		File Name	
Contract Type:						
Contract Amount:						
Contract Date:		Anva	additional comments place	e in Drive. Fol	der. & File listed at	oove
Contract signed by:	Date	Work			Related to this P8	•
Request/Task No.: 060.15298		equested:	3.2.1.0		reduced to this i d	<del>-1111</del>
PROJECT MANAGER:	Bruce Kn		<del>*************************************</del>			
APPROVALS:		.3				
Initiator: Ron Hoag			Date:	4/20/200	17	
Comments Please review and appl	rove		Date.	4/20/200	<del>''</del>	
Recommend Approval: Allen Sp		<del></del>	Date:	4/20/200	17	
Comments Technical review comp			Date	4/20/200	<u> </u>	
Comments Technical Teview Comp	ileteu.		<del> </del>			
				<del></del>		
Pecommend Approval:		<del> </del>	Data			
Recommend Approval:			Date: _		<del></del>	
Comments	<del></del>					
	···					
December of Assessed			5-4-			<del></del>
<del> </del>		·····	Date: _		<del></del>	
Comments			<del></del>			
						·
Possemend Approval:		· · · · · · · · · · · · · · · · · · ·	Data			
Recommend Approval:			Date: _			
Comments		<del></del>	B-1-	<del></del>	<del> </del>	
Recommend Approval :			Date: _			
Comments					<del></del>	
Recommend Approval :			Date: _			
Comments						,,,
Recommend Approval :			Date: _			
Comments	<del></del>		~·····································	<del> </del>	···	
Recommend Approval :			Date: _		· · · · · · · · · · · · · · · · · · ·	
Comments		- · · · · · · · · · · · · · · · · · · ·	······································			
FINAL APPROVAL BRUCI	E KNIGH	T		Date: 4	/20/2007	
	LINIGH	•		Date:	/20/2007	
Comments						

Atmos Energy - Construction Survey 250170A SSD No: DW FWO ☐ ALMS 81712007 By: J.Baker Emp ID #: L0911 General Date: 009 Property Tax Code: Tax Unit: Map #: 422 Town Number: Town Name: Division: Address / Location: Zip: Service Performed: State: Cross Ref#: School District: County/Parish: 51298 Oracle Project #: Area: (CL) OCL Pipeline #: 60 For Irrigation Or Rural Irrigation Only: Section: Block: Survey: Line Name: 7 Cover: System Type: 1. Dirt 5. Rock 5. Gathering 3. Asphalt 1. Distribution 3. Irrigation 6. Storage 2. Brick 4. Concrete 6. Liquid 2. Rural Distribution 4. Transmission 30" Approximate Pipe Depth (inches) System MAOP (psig) Leak Found: Date Found: Leak Order No: Leak Survey No: am / pm Leak Grade: Time Classified: am/pm Time Found: Service Risers: **Apparent Location:** Approx Distance to **Population Density:** 4. Residential - Light 1. Without Outside Riser (Vault) Nearest Bldg (ft): 1. Commercial - Dense 4. Riser 1. Main 5. Rural - Class I, 2 2. Adjacent to Building (within 10') 2. Commercial - Light 5. Yard Line 2. Service 3. Away from Building (over 10') Grade of Nearest 3. Residential - Dense 6. Rural - Class 3, 4 6. Other 3. Meter Loop Building to Main: Comments: Magnitude of CGI Indication: 1. Above 2. Level 3. Below % Gas Leak Re-Evaluation Third Party Damage / Billing Information: Employee Third Party Name: %LEI ID# Date Grade %Gas Third Party Address: Phone: Contact Name: Reason Damage Occurred: Type of Work: 5. Improper Job Location 1. No Notification 7. Drainage 1. Sewer 6. Failure to Hand Expose 8. Landscaping 2. Locate Issues 2. Water 3. Insufficient Locate Time 7. Deliberate 9. Irrigation 3. Electric 4. Third Party Carelessness 10. Fencing 4. Telephone 11. Poles / Signs 5. TV / Cable Damaging Equipment: 6. Road Const. Locate Ticket #: Employee / Contractor Located By: Damage to Property: Injuries or Deaths: yes / no yes / no Discharge Time: (min) Line Pressure: (psig) Locate Markings Within State Law: yes / no -attach a copy of the locate ticket for all third party damage incidents $in^2$ Leak Area: Drawing for Posting to Maps: -attach additional pages for drawing when necessary

Leak Repaired:		Rer	paired By:		Employee ID#	
•	,	•			- • •	
Repair Date:/	′ <del></del> _		lding By:		Employee ID#	
Facility Involved:		Origin of L			Initial Ca	<del></del>
I. Main 4. Yard Line	1. Pipe	5. Drip	9. Longitudinal Welc		Corrosion	4. Material Defect
2. Service 5. Riser 3. Meter Loop 6. Other	<ol> <li>Valve</li> <li>Tap</li> </ol>	<ol> <li>Regulator</li> <li>Compress</li> </ol>			Outside Force Construction Defect	5. Other 6. Third Party
3. Meter Loop 6. Other	4. Fitting	8. Girth Wel		3. (	Sonstruction Defect	6. Inird Party
Miscellaneous:			ber of Leaks Repaired:		Type of F	ine:
1. Duplicate Order 4. Not Natu	ral Gas		On Main	1. 0	Coated Steel 4. PE	apo.
2. Customer's Line 5. No Leak	Found		On Service	2. <b>E</b>	Bare Steel 5. PVC	:
3. Other Company		***************************************		3. 6	Cast Iron 6. Other	er:
Type of Coating:			Condition of Coating:		Estimated Year of	Installation:
l. Bare 4. Mill Wra		1. Excel	lent 3. Poor	· 1. E	Before 1930 4.	1970 - 1989
2. Hot Coated 5. Other:		2. Fair	4. Disbonded	2. 1	930 - 1949 5.	1990 - Present
3. Thin Film (Epoxy)				3. 1	950 - 1969 6.	Unknown
Cathodic Protection:			Visual Inspection	ı: 📆 / No	Atmospheric Corr	osion: Yes (No)
External Corrosion:	N/A I	nternal Corros	sion: Area:		Section:	
1. None 3. Severe	1. None	3. Severe		:-1,519	P/S After: North &	main service
2. Slight Pit Depth:	2. Slight	Pit Depth:	P/S Before	:- <u>: 721                                    </u>	P/S After: South &	Fad main / service
(if available)		111 4	(valiant)		····	
Pressure Test:		_				
Main: 115 psig Du	ıration:	hra/min	Medium: gas air l	•	ve) / no MAOP:	
Service: psig Du	ıration:	hrs / min	Medium: gas/air/I	-	yes / no MAOP:	psig
Residual Gas: yes (no) Co	omments: 🔏	eplace	2"PE M	ain		· · · · · · · · · · · · · · · · · · ·
				<del> </del>		
Install Remove	Materials		M/S Install	Remove	Materials	M/S
2 2" Stop			<u> </u>			
	sition		<del>/</del>			
	Stabs		(			
2 2"Nel 1 2"Pe						
i Z'i Pe	Cap		<del>-)</del>		· · · · · · · · · · · · · · · · · · ·	
432' 2" PE	Pipe		7			
440' Timir	e					
Functional / Task Main - 0	Work		\		Wall	Length
Number: Service - #	Code		Size Material	Copper - 1	Thickness	of Pipe
732!	2	Out - 1	<u> </u>	Steel - 2	·216	<u> </u>
		In - 2		PVC - 3		60 m 2 h
9321	<u> </u>		02 1	PE - 4	.154	401'
		Rem - 4		ABS - 5		
				Other - 6 Cast Iron - 7	4	
Gas Loss Calculation:	X	<b>∵</b> ≅		Bare Unpr - S		
CCF Los		Cost	Cost of Gas Lost	Bare Prot - 9		
					Office Use	Only:
Labor Hours	Hours		Equipment Used	Hours	Labor:	
Emp ID:		Unit #:			Overtime:	
10911	25.5				Clerical:	
14241	25.5		······································		Administrative:	
10898	10	ļ <u> </u>			Material:	ļ
					Associated Cost:	-
Contractor Labor	<u> </u>				Equipment Cost: Contractor Cost:	
Contractor Labor:					Gas Loss:	
Total			Total		Total	
	<del> </del>			<u> </u>	**************************************	<u> </u>
Completed By: T. Baker	I	Date: <u>8~7</u>	Entered By	:	Dat	e:
Reviewed By:	I	Date:	Tech Service	es:	Dat	e:
Approved By:		Date:	Maps Update	ed:	Dat	e:

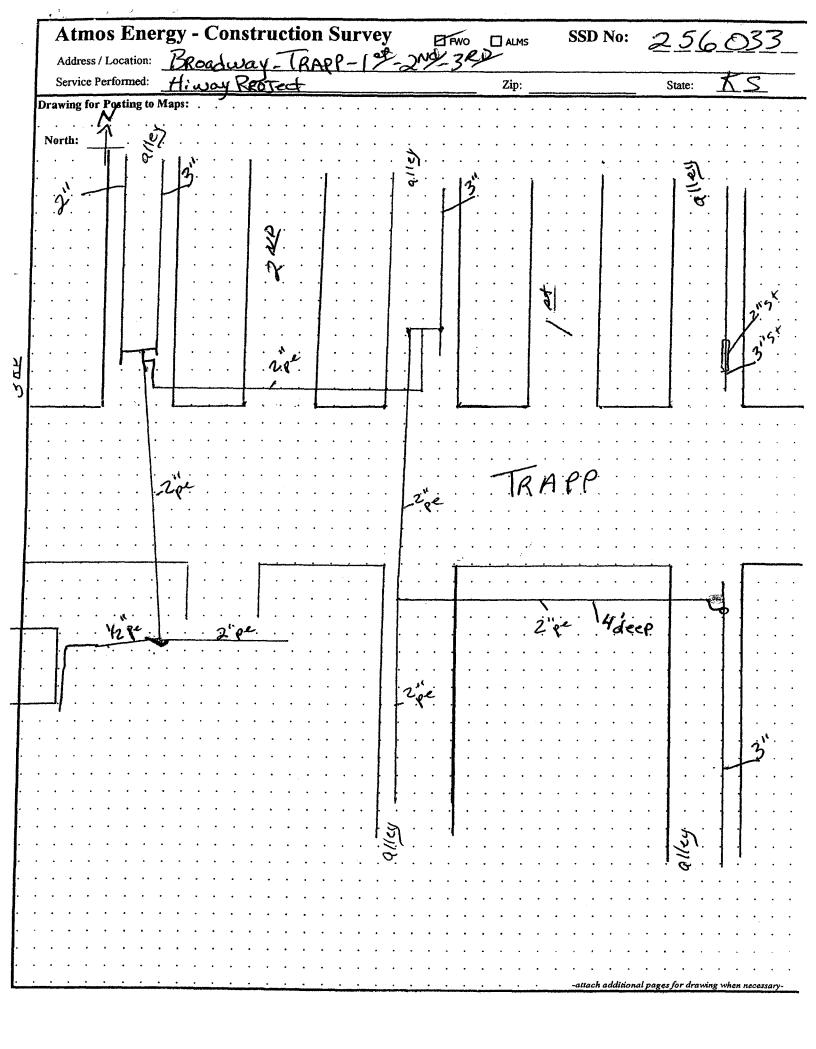
Atmos Energy - Construc	tion Survey	IX FWO □ ALMS	SSD No:	250170
Address/Location: Walnut & F	orest			
Service Performed: Replace 2"m	ain	Zip:		State: <u>K.3.</u>
Drawing for Posting to Maps:				
North:				
		Forest		
		LOVES!		
	Extru-cote.			
2'	Extru-Cit			
			• • • • • •	
	2'	Stopple Fee		
	21	· con Stab.		
		11 transition		· · · · · · · ·
		Stopple Fee Constab. Transition Weld Cap		
		. Weran .cap		
	Z"PE			
401'				
		211stopple	FEE	
		2" Transition	N	
		2" Transition 2" Con Stab		
		· · gir · weld · Cap		
.   .   /		· 21 weld cap	1.C	
3 7	1			
		. g. P.E. Tee		
29	1	Z." .PE . Cap		
	Bare Steel			
		<u></u>	-attach additional p	ages for drawing when necessary-

Name of Project : Trapp Street					Date:	5/29/2007	
Town: Herington Region	n: <u>C</u>	entral Kans	as	Location: (	CC3136		
PROJECT DESCRIPTION:							
Due to Trapp Street improvements we have	approx	. 900' of 2"	main that	will need relo	cated to cle	ar construction	
	***						
				······································			
and the second s							· · · · · · · · · · · · · · · · · · ·
		···· ·····························			· · · · · · · · · · · · · · · · · · ·		
Footage 900 Size 2"	Гуре	pe <b>Del</b> .l	Press.	R.	-O-W	Public	Private
Projected Load: Annual		<del></del>	Hourly		MCF	MAOP:	
Normal Operating Pressure:	······································			stimated Pro			0,427.07
APM/			-		,000 0000		0, 121.01
ROE: % Project Life :	YRS.	NPV		IRR	%	Crew Company or Contract	comp
Aid in Construction:	7	Fares es	Addition	nal information, (fl		<del> </del>	
Non-Refundable Contributions	1	Drive		Folder	ow stadics, L	File Name	
	J	01170					
Contract Type: Contract Amount:	-						
Contract Date:			ny additiona	1741 1741		lder, & File listed ab	
Contract signed by:	_	Work		Othe	r Project (s)	Related to this P&	<u>N:</u>
Request/Task No.: 060.15441		quested:_	·····				
	DeArm	nond					<del></del>
APPROVALS:							
Initiator: Ron Hoag				Date: _	5/29/200	07	
Comments Please review and approve							·
Recommend Approval: Allen Spaur				Date: _	5/29/200	<u>)7                                    </u>	
Comments Technical review completed.							
Recommend Approval: GREG WOLF	F			Date:	5/29/200	)7	
Comments REVIEWED							
					***************************************		
Recommend Approval:				Date:		· · · · · · · · · · · · · · · · · · ·	
Comments							
					** ***	······	
							*********************************
Recommend Approval:		<del>, , , , , , , , , , , , , , , , , , , </del>		Date:		· · · · · · · · · · · · · · · · · ·	
Comments		··.					
Recommend Approval :				Date:			
Comments							
Recommend Approval :	·			Date:			
Comments						<del></del>	
Recommend Approval :		····	<del></del>	Date:		······································	<del></del>
Comments				Date		<del></del>	
Recommend Approval :				Date:	<del></del>		·········
Comments				Date		<del></del>	
					<del></del>	<del></del>	·
FINAL APPROVAL Mike DeAr	mona	1			Date: 5	3/30/2007	
Comments			***************************************	·			

Trapp Street PN 07.xls

Atmos Energ					
	gy - Construction Surve	ey Erwo	☐ ALMS	SSD No: 256	033
Ceneral Date:	09 17 1 2 2 7	By: RLe	<del></del>		تريز نش
1	8050 Tax Unit			Emp ID #: 109	71
1 , , , , ,	· · · · · · · · · · · · · · · · · · ·		Map #:		<del></del>
	crington Table 18th	Town No	Tumber: 300	O Division:	<u>5</u>
	ROZDWAY-TRAPP-102-2	······································			
Service Performed:	replace & Retire ma		Zip:	State:	<u>ک</u>
County Parish: DK	School District:		Cross Re	01-1-6-0027 011	-2-004
Area: (CL) OCL	Pipeline #: 3760	- <u>300</u>	Oracle Proje	ect#: <u>060 · 15441</u>	
For Irrigation Or Rural					
Line Name:		Section:	Block:	Survey:	
	System Type:	1-3.	5	Cover:	-
Distribution     Rural Distribution	3. Irrigation 5. Gathering	1. Dirt	3. Asphalt	5. Rock 7. Other	•
2. Rural Distribution	0	2. Brick	4. Concrete	6. Liquid	
[32]	System MAOP (psig)	16 40 8"	Approxim2	ate Pipe Depth (inches)	<u> </u>
	Date Found://				
Leak Survey No:	Anticology of the contract of	Leak Orde	er No:		
Time Found:	am/pm Time Classified:	am / pm	n Leak Grade	2 3 4	
Apparent Locat		_ <del></del>	ation Density:	Service Risers	
1. Main 4. Riser	Nearest Bldg (ft):	1. Commercial - Dense	4. Residential - Light	1. Without Outside Riser (Vaul	•
2. Service 5. Yard I	<del></del>	2. Commercial - Light	5. Rural - Class 1, 2	<ol> <li>Adjacent to Building (within</li> <li>Away from Building (over 1</li> </ol>	
3. Meter Loop 6. Other	Grade of Nearest	3. Residential - Dense	6. Rural - Class 3, 4	3. Away nom Denome (*** .	0')
Magnitude of CGI Indica	ation: Building to Main: % LEL 1. Above 2. Level 3. Below	Comments:			
	arty Damage / Billing Informa	ation	T Le	eak Re-Evaluation	
Third Party Name:	illy Damage, Diming	Atlon.	Employee	AR IXC-13 + manuscul	
Third Party Name: Third Party Address:			Employee ID#	Date Grade %Gas	%LEL
Contact Name:	Phone:				·
Type of Wor		age Occurred:		-	
1. Sewer 7. Drainag		5. Improper Job Location			
2. Water 8. Landson	•	6. Failure to Hand Expose			
3. Electric 9. Irrigatio	· ·	7. Deliberate			
4. Telephone 10. Fencin 5. TV/Cable 11. Poles/	•	8.			
5. TV/Cable 11. Poles/ 6. Road Const. 12.					-
6. Road Const. 12	Employee / C	Contractor Lo	ocate Ticket #:		
	employee / Cosig) Discharge Time: (min)	Ontractor Locaths		Damage to Property: yes / ne	_
Line Pressure: (p	<del></del>	-	•		
Teak Area:	Locate Markings within June	7: yes/no	- FIL a locate	e ticket for all third party damage incid	lents-
	····	yes / no .	attach a copy of the locate	e nexel for all third party damage their	
Drawing for Posting to Maps:	····	yes / ne	attach a copy of the locate	encket for all third party damage inci	
	····		attach a copy of the locate	encket for all intra party damage inci	
Drawing for Posting to Maps:	····		attach a copy of the locati	encket for all intra party damage in a	
Drawing for Posting to Maps:	····		attach a copy of the locate	encket for all intra party aumage inst	
Drawing for Posting to Maps:	····		attach a copy of the locati	encket for all intra party aumage inst	
Drawing for Posting to Maps:	····	yes / 110	attach a copy of the locati	encee for all inira party aamage inst	
Drawing for Posting to Maps:	····	yes / 110	attach a copy of the locate	encket for all intra party aumage in a	
Drawing for Posting to Maps:	····	yes / 110	attach a copy of the locate	e nexet for all intra party admage inta	· · · · · · · · · · · · · · · · · · ·
Drawing for Posting to Maps:	····		attach a copy of the locati	encer for all intra party admage in a	
Drawing for Posting to Maps:	····		attach a copy of the locati	incer for all third party admage that	
Drawing for Posting to Maps:	····		attach a copy of the locati	Sectiful.	
Drawing for Posting to Maps:	····		attach a copy of the locali	Section at the party admisse that	
Drawing for Posting to Maps:	····		attach a copy of the locati	Sectiful invariant aumage in a	
Drawing for Posting to Maps:	····		attach a copy of the locati	Sectiful intra party admage in a	
Drawing for Posting to Maps:	····		attach a copy of the locati	Section at the party admisse that	
Drawing for Posting to Maps:	····	7. yes / 110	attach a copy of the locali	Sectional intra party admage in a	

Leak Repaired:		<del>-Repaired</del> By:	Ma	odie	Employee ID#	10405		
Repair Date: $08/25$	7,2007	Welding By:	Kes	<b>K</b>	Employee ID#	10944		
Facility Involved:	-	of Leak:	,		5 Initial C	ause:		
1. Main 4. Yard Line	1. Pipe 5. Drip	9.	Longitudinal Wel	ld	1. Corrosion	4. Material Defect		
2. Service 5. Riser	2. Valve 6. Reg	ulator 10.	. Clamp		2. Outside Force	5. Other		
3. Meter Loop 6. Other	-	apressor			3. Construction Defect	6. Third Party		
Miscellaneous:	4. Fitting 8. Girt	h Weld <b>Number of Lea</b>	de Danninad.		7-21 Type of	Pine.		
	atural Gas	On Mai			1. Coated Steel 4. PE			
2. Customer's Line 5. No Le	ak Found	On Serv	rice		2. Bare Steel 5. PV	rc ·		
3. Other Company	<b></b>				3. Cast Iron 6. Oti	ner:		
Type of Coatin	ng:	Conditio	n of Coating:		Estimated Year	of Installation:		
1. Bare 4. Mill W	<del></del>	Excellent	3. Poor	•	1. Before 1930 4.	1970 - 1989		
2. Hot Coated 5. Other:	2.	Fair	4. Disbonded		2. 1930 - 1949 5.	1990 - Present		
3. Thin Film (Epoxy)	the target of target of the target of target of target of the target of targ				3. 1950 - 1969 6.	Unknown		
Cathodic Protection:		Vis	sual Inspection	n: Yes /	No Atmospheric Cor	rosion: Yes / No		
-2 External Corrosion:	Internal Co	orrosion:	Area:		Section:			
1. None 3. Severe	1. None 3. Severe		P/S Before	ə:	P/S After:	main / service		
2. Slight Pit Depth: 1007	2. Slight Pit Depth:	(if available)	P/S Before	e:	P/S After: 8	main service		
		· · · · · · · · · · · · · · · · · · ·			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Pressure Test:			<u></u>			27 .		
100 1-0	Ouration: hrs/ n		m: gas air/l			3 <u>Z</u> psig		
Service: psig I	Ouration: hrs / n	nin Mediu	m: gas/air/l	H ₂ O Soa	ped: yes/no MAOP:	psig		
Residual Gas: yes / no	Comments:							
				r <del>est in</del>		Taga		
Install Remove	Materials	M/S	Install	Remove	Materials	M/S		
1730 × 200	110108		1	9	c pe 10			
3 3,000	Potre's		420'	15	Ausike.			
3 310	leld Rells		4200	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
1 2 2	NC Dell'S		200'	ब्रि	*Re.			
2/5/0	ntee							
2 1/2	ACAR							
Functional / Task Main - 0	Work				Wali	Length		
Number: Service - #	Code	Size	Material	Copper -	1 Thickness	of Pipe		
01980 212	Out-1	03	2	Steel - :	2	80		
01980 212	( In - 2	03	2	PVC - 3	ALLESS AND ADDRESS ADD	421		
01980 212	New - 3	02	4	PE - 4	Andrew Property Agriculture	780		
7.5	Rem - 4		77	ABS - S		930'		
01202 3/2	2 Rem - 4	<u>02</u>	7	Other -		130		
C. T. C. Landadona	<b>v</b> _			Cast Iron Bare Unpr				
Gas Loss Calculation:  CCF Los	t Unit Cost	Cost of Gas	Lost	Bare Prot				
				2	Office Use	Only:		
Labor Hours	Hours	Equipment	Used	Hours	Labor:			
Emp ID: 10849	Unit	#:			Overtime:			
10905					Clerical:			
10847				· · · · · · · · · · · · · · · · · · ·	Administrative:			
11006					Material:			
10934	<u> </u>				Associated Cost:			
Contract - Taban		······································			Equipment Cost:  Contractor Cost:	<del>                                     </del>		
Contractor Labor:		·····			Gas Loss:	<del> </del>		
Total /2	<del></del>	Total			Total			
Completed By: Toy Lea	Date: 8-2	807	Entered By:		Da	te:		
Reviewed By:	Date:		Tech Services	3:	Da	le:		
Approved By:	Date:		Maps Updated	i:	Da	te:		



Tolof Stolotee 12" Deep
Tolof Stolotee 12" Deep  3" STOLO 151' EAST & 1et (9'South of RowerPole  fee 44' South & TRAPP (2'EAST of RowerPole
fee 44' South ETRAPP G'EAST of PowerPole
2" 06 0 2" 1 1 1 (Set 20 0 1 1 1 1 1
3"weld / 151 East & lat
3"weld 151" East & 1et CAP 43" South & TRAPP
3"STOR/45" NORTH & TRAPP topof STOPO-14" Deep (existing) D 151'EAST & 1st
(existing) D 151'EAST & 1st
3'weld / 151'East &1 to
3'Weld / 151'East &1 to Car 44'North & TRAPP
3"STOP/156'EAST & 2 ND (3"STOPOTEE 16" deep) 0 tee 51'North & TRAPP
Otee 51'NORTH ETRAPP
2"PE. Tee-47" West of 3" STOP Otee
2"PE. 90°-71" West of 3"STOP o Tee
2"PE. Going Across TRAPP is Just West of Pipe that
2"PE. Going Across TRAPP is Just West of Pipe that turns and Goes West
2"PE. Turns West 21' South of 3"STOPO tee(3
Wire going West to Alley Between 12 - Broadu
6 wire going West to Alley Between 2 ND + 3 RD

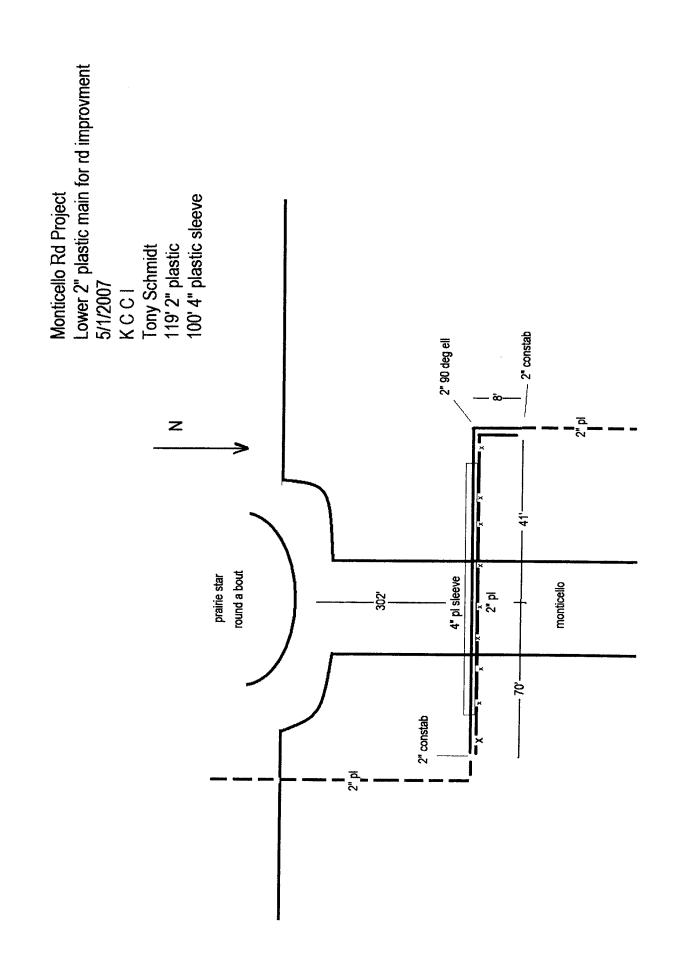
2X2 Elector	edeo/28' South ETRAPP (5'deeptotop of tAPtee e 157' West & 1st (Between Frigid Queen + Old John Day
	IN AllEY Between 2 ND +3 RD - W. TRAPP
3"Stol	50'North ETRAPP (16" deep to Top of Stor-o-tee) 155' East & 3RD
2"pe9	153'EAST & 3RD
2"pe+	e/49'North & TRAPP V51'EAST & 3RD
2°pe tee	SO'NORTH ETRAPP 151'EAST & 3RD
	SO'NORTH EAST & 3RD 50'NORTH ETRAPP
	8 wire Bonded to 2" Steel 6 wire Bonded to 3" Steel
	to locate 25teel > hooked on Motel meter to locate 3"Steel > hookap on meters in alley Northof TRAPP

South	Side of TRAPP IN EASement Between 2 MB 3RD
2"pe	90° (107' West 2200 53' South ETRAPP
2x/2 e Fusion to	electro 106' West & 2 ND 217 West Walnut apter 53' South & TRAPP
	2"Black Peto 2" Yellow PE. Service for Motel & Pritz
l"yellowthe reoutlet whosed	se 56 South ETRAPP (pe is 28"Deep)  52' West & 2 MD morres  2'8'

Name of Project : N	1onticello Rd. F	Relocation (N	orth of Prair	ie Star Parkv	/ay)		Date: _	2/23/200	7	
Town: Lenexa		Region:	KANSAS		Locatio	on:				
PROJECT DESCRIPT										
Replace 133' of 2" p.e	to clear road	mprovement	s. This job is	s 70% reimbu	usable.					
	·			<u></u>						
			····							
								····		
					<del></del>	<u>-</u>			,	
Footage 133'		?" Type	p.e.	Del.Press.	×		O-W	Public		Private
Projected Load:	Annual		MCF	Hourly	F 454		MCF	MAOP:	60	
Normal Operating Pro	essure:	<del></del>			Estimated	Proje	ect Cost: _			90.84
	Project Life :	YRS	s. NPV		1	RR	%	Crew Compar Contract	-	кс с
Aid in Construction			· N. V	A dd	itional information					AC C
Non-Refundabl		nne -	Drive	Add	Folder	n, (nov	v studies, Desi	ign, april etc.) File Nam		
	e Contributio	7115	Dilve		roidei		****	The Nam	16	
Contract Type:			<u> </u>							
Contract Amount:	***			A at at at at			- Daine Catalan	- 0 File (i.e. d)		<del></del>
Contract Date:			- VA/	Any addition	onal comments p		<del></del>			
Contract signed by:			e Work			<u>Oth</u>	A	Related to this	P&N:	
Request/Task No.:	<u> </u>		Requested:	<u>ASAP</u>	<del></del>		060	15178		
PROJECT MANAGER	<u>c</u>	Jerry	Barrios							
APPROVALS:	MC				D	.4	0/00/0007			
Initiator: YUNGHA			··. <u> </u>		Da	ate:	2/23/2007	<del></del>		
Comments PLEASE							0/04/0007			
Recommend Appro					Da	ate:_	2/24/2007			
Comments Technica	i review comp	netea.		· · · · · · · · · · · · · · · · · · ·	<del> </del>					<del></del>
				<del></del>				<del> </del>		
Recommend Appro	wal: Michae	I Talkington			Dr	ato:	2/23/2007			
						. —	2/23/2007	<del></del>		
Comments										
Pasammand Appro	wali				De	ate:				
Recommend Appro	vai					ıle	<del></del>	<del>-</del>		
Comments		<del></del>								
<del></del>		<del>,,</del>								
Recommend Appro	val:	<del></del>		<del></del>	Da	ate:				
Comments						····-		_		
Recommend Appro	val :				Da	ate:				
Comments								<del></del>		
Recommend Appro	val :	····			Da	ate:				
Comments								<del></del>		
Recommend Appro	val ·				Da	ite:		<u></u>		
Comments						····		<del>_</del>		
Recommend Appro	val :				Па	ite:		<del></del>		
Comments										
	<del></del>	<del></del>			·. #·* a		. <b></b>			
FINAL APPROVA	AL   <i>J Bari</i>	rios				ı	Date: 2/2	3/2007		
Comments						•				

Atmos	s Energy - (	Construction Surv	ey □ _{□ PWO}	☐ ALMS	SSD No:	253810
Genera	Date: <u>0 5</u>	10112007	By: JOHN 5	MANNON	Emp ID #:	KCCI
Property Te		Tax Un			3-13-23	
Town Nam	e: LENEX	A	Town	Number: 627		81
Address / L		ICELLO PD	***	<del></del>		<u> </u>
Service Per		r gas main		Zip:	State:	K 5
County/Pari		School District	•	Cross F	<del></del>	
Area: ICI		ipeline #: 3740	- 1,27	Oracle Pro	ject #: 060 *	15176
	ion Or Rural Irrigation					73//4
Line Na	-	-	Section:	Block:	Survey:	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1	System Type:	Γ,		Cover:	
	<del></del>	3. Irrigation 5. Gathering	1. Dirt	3. Asphalt	<del></del>	Other
2. Ru	ral Distribution	4. Transmission 6. Storage	2. Brick	•	6. Liquid	
8	S ₃	ystem MAOP (psig)	36	Approxim	ate Pipe Depth (inches)	1
Leak Fo						
Leak S	Survey No:		 Leak O	der No:		
	-	am / pm Time Classified			e: 1 2 3	4
	parent Location:	Approx Distance to		ulation Density:		ce Risers:
I. Main	4. Riser	Nearest Bldg (ft):	1. Commercial - Dense	4. Residential - Light	1. Without Outside 1	
2. Service	5. Yard Line	8(7)	2. Commercial - Light	5. Rural - Class 1, 2	2. Adjacent to Build	
3. Meter Loop	6. Other	Grade of Nearest	3. Residential - Dense	6. Rural - Class 3, 4	3. Away from Buildi	ing (over 10')
Magnitude (	of CGI Indication:	Building to Main:	Comments:			
% Gas		1. Above 2. Level 3. Below			·	
	Third Party I	Damage / Billing Inform	nation:	Le	eak Re-Evaluation	on
Third Party N	, <del></del>			Employee		
Third Party A Contact Nam		Phone:		ID#	Date Grade	%Gas %LEL
Contact Ivani		1 none.	- 1961 - 1961	-		
	Type of Work:	Reason Dan	nage Occurred:	_		
1. Sewer	7. Drainage	1. No Notification	5. Improper Job Location			
2. Water	8. Landscaping	2. Locate Issues	6. Failure to Hand Expose			
3. Electric	9. Irrigation	3. Insufficient Locate Time	7. Deliberate		<del></del>	
4. Telephone	10. Fencing	4. Third Party Carelessness	8.			
<ol> <li>TV / Cable</li> <li>Road Const.</li> </ol>	<ol> <li>Poles / Signs</li> <li>12.</li> </ol>	Damaging Equipment:				
Located By:		Employee /	Contractor	Locate Ticket #:	<del></del>	
Line Pressure:	(psig)				D	
Leak Area:	in ²	Discharge Time: (min) Locate Markings Within State La		-	Damage to Property:	ĺ
rawing for Post		Locate Markings within State La	w: yes / no	-attach a copy of the locat	e ticket for all third party da	nage incidents-
Tawing for Losi	ung to Maps:	• • • • • • • •				
North:		EE MAP				
	• • • • • •	• • • • • • • • •				
		• • • • • • • • •				
			• • • • • •			
		• • • • • • • • •				1
	• • • • •					
		• • • • • • • • • •		dangen.		a ruhan nasanas
	<del></del>	<del></del>		-anacn	pages jor arawing	s renon necessary-

Leak Repaired:		Repaired By:			Employee ID#	
Repair Date://	/	Welding By:			Employee ID#	
Facility Involved:		rigin of Leak:			Initial Ca	ause:
, Main 4. Yard Line			ongitudinal Weld	1.	Corrosion	4. Material Defect
2. Service 5. Riser	2. Valve 6	5. Regulator 10. C	Clamp	2.	Outside Force	5. Other
3. Meter Loop 6. Other	3. Tap 7	7. Compressor		3.	Construction Defect	6. Third Party
-	4. Fitting 8	3. Girth Weld				
Miscellaneo	us:	Number of Leaks	s Repaired:	Γ	Type of l	Pipe:
Duplicate Order 4. No.	ot Natural Gas	On Main		1.	Coated Steel 4. PE	
2. Customer's Line 5. No	Leak Found	On Service	e	2.	Bare Steel 5. PVC	C
3. Other Company		·		3.	Cast Iron 6. Oth	er:
Type of Co	ating:	Condition	of Coating:		Estimated Year o	f Installation:
	ill Wrap	1. Excellent 3	. Poor	1.	Before 1930 4.	1970 - 1989
2. Hot Coated 5. O	her:	2. Fair 4	. Disbonded	2.	1930 - 1949 5.	1990 - Present
3. Thin Film (Epoxy)				3.	1950 - 1969 6.	Unknown
Cathodic Protection	•	Visu	al Inspection:	Yes / No	Atmospheric Cori	rosion: Yes / No
	<del></del>	nal Corrosion:	Area:		0 4	
External Corrosion	1. None 3. Se		P/S Before:		P/S After:	main / service
1. None 3. Severe	2. Slight Pit De		P/S Before:		P/S After:	
2. Slight Pit Depth: (if available		(if available)	2010101			
X 2" X 2- X 120' X (80'  nectional/Task Main- Number: Service	-# Code Ou In New	Size st-1 o-2 w-3 o-4	Material 4	24.	Wall Thickness	Length of Pipe
		· . —				
	<b>V</b>	_		Cast Iron - 7 Bare Unpr - 8		
~	X	Cost of Gas	Lost	Bare Prot - 9		
	CF Lost Unit Cost					
Gas Loss Calculation:					Office Use	Only:
Ċ	CF Lost Unit Cost	Equipment	Used	Hours	Office Use	Only:
Labor Hours		Equipment	Used	Hours		Only:
Ċ	CF Lost Unit Cost	<b>Equipment</b> Unit#:	Used	Hours	Labor:	Only:
Labor Hours	CF Lost Unit Cost		Used	Hours	Labor: Overtime:	Only:
Labor Hours	CF Lost Unit Cost		Used	Hours	Labor: Overtime: Clerical:	Only:
Labor Hours	CF Lost Unit Cost		Used	Hours	Labor: Overtime: Clerical: Administrative:	Only:
Labor Hours	CF Lost Unit Cost		Used	Hours	Labor: Overtime: Clerical: Administrative: Material:	Only:
Labor Hours Emp ID:	CF Lost Unit Cost		Used	Hours	Labor: Overtime: Clerical: Administrative: Material: Associated Cost:	Only:
Labor Hours	CF Lost Unit Cost		Used	Hours	Labor: Overtime: Clerical: Administrative: Material: Associated Cost: Equipment Cost:	Only:
Labor Hours Emp ID:  Contractor Labor:	CF Lost Unit Cost	Unit#:		Hours	Labor: Overtime: Clerical: Administrative: Material: Associated Cost: Equipment Cost: Contractor Cost:	Only:
Labor Hours Emp ID:	Hours Hours	Unit #:		Hours	Labor: Overtime: Clerical: Administrative: Material: Associated Cost: Equipment Cost: Contractor Cost: Gas Loss: Total	
Labor Hours Emp ID:  Contractor Labor:  Total	Hours Hours	Unit #:			Labor: Overtime: Clerical: Administrative: Material: Associated Cost: Equipment Cost: Contractor Cost: Gas Loss: Total	Only:
Labor Hours Emp ID:  Contractor Labor:  Total  mpleted By: ALK SL	Hours Hours	Unit #:  Total			Labor: Overtime: Clerical: Administrative: Material: Associated Cost: Equipment Cost: Contractor Cost: Gas Loss: Total	



	2" pl   DATE	"	5/1/2007	5/1/2007																	_
	119'2" pl COMMENTS																				
	KCCI SECONDARY DEMENSIONS																				
Monticello Rd Project	PRIMARY DIMENSIONS	302' N C/L PRAIRIE STAR 70' E C/L MONTICELLO	302' N C/L PRAIRIE STAR 41' W C/L MONTICELLO	310' N C/L PRAIRIE STAR 41' W C/L MONTICELLO																	
060*15176 3*13*23	FACILITY	2" TIE IN	2" 90 DEG ELL	2" TIE IN		·															
STR: 3	POINT	7-	2	3	4	2	9	7	<b>∞</b>	6	10	11	12	13	4	15	16	17	18	19	_