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APPLICATION FOR PIPELINE UTILITY PERMIT
DESIGNATING PLACEMENT OF UTILITY IN COUNTY RIGHT OF WAY

TO: THE COUNTY ENGINEER OF WISE COUNTY, TEXAS

Comes now Atmos Energy [company name], hereinafter referred to as "Company" a Texas [state] Corporation, with authority to transact business in Texas, acting by and through its duly authorized representative, and hereby petitions the County Engineer for the right to lay, construct, maintain, repair and/or operate equipment under, over, across and/or along certain County Roads as shown on drawings and diagrams attached hereto and said location described as follows:

Facility to Cross Road

Road Name & Block Number	Length of Crossing	TYPE OF CONSTRUCTION (CHECK ONE)			
		Bored	Jacked	Driven	Cased
700 Block area of S. Old Reunion Rd.	Full width at a 45 Deg. angle				

Facility to Parallel County Road Within Right-Of-Way

Road Name and Block Number	From	To	Distance
?	?	?	?

CONSTRUCTION TYPE

20" Diameter .406" Wall Thickness High Pressure Underground Low Pressure Underground

Material Specification X42 Pipeline (60 psi or greater operating pressure) Pipeline (60 psi operating pressure)

Minimum Yield Strength 46.9%

Maximum Operation Pressure 800 PSI

The location and description of the proposed installation and appurtenances must be fully shown on the attached detailed drawings.

The Company shall commence actual construction/work in good faith within 60 days from the date of said permit and shall complete said construction /work within 90 working days. (COMPANY MUST FILL IN). If such construction is not begun by the 60th day, Company will be required to apply for a new permit.

Company declares that prior to filing this application, it has ascertained the location of all existing utilities, both aerial and underground, and the filing of this application is prima facie evidence that the proposed installation will not conflict with any existing utility.

A copy of this permit shall be kept at the job site any time work is being performed.

It is expressly stipulated that this Permit is a license for permissive use only and that the placing of facilities upon public property pursuant to this permit shall not operate to create or vest any property right in said holder.

It is understood and agreed that the rights and privileges herein set out are granted only to the extent of the County's right, title and interest in the land to be entered upon and used by the holder and the holder will at all times assume risk of and indemnify, defend and save harmless Wise County from and against any and all loss, damages, cost or expense

arising in any manner on account of the exercise or attempted exercise by said holder of the aforesaid rights and privileges.

Any deviation from these specifications must be approved by Wise County Engineer's Office or its designated representative.

Approval of County Engineer's Office may take as long as two weeks after complete application is received.

Applicant agrees to comply with all rules of the County Commissioners and the County Engineer in construction of said installation attached hereto as **WISE COUNTY DESIGN STANDARDS AND SAFETY PRECAUTION REQUIREMENTS FOR WORK CONDUCTED IN WISE COUNTY RIGHTS OF WAY** and incorporated herein for reference.

In the event Company fails to obtain a permit prior to the installation or does not install utilities in compliance with installation requirements set forth herein (i.e. depth, location, etc), Company assumes all financial responsibility for damages and/or destruction of lines, cables, etc. based upon its failure to comply with Wise County requirements.

Applicant agrees that if Wise County demonstrates a violation of the terms of this policy, Applicant stipulates that requisites for injunctive relief exist and that Wise County is entitled to relief enjoining any conduct by applicant which is contrary to the policies.

This permit is a revocable permit. Wise County reserves the right to revoke this permit at any time, in the sole discretion of Wise County, for interests of public health, safety or welfare, or for failure to repair any damages upon demand, or for any other reason deemed sufficient by Wise County.

In the event Company fails to comply with any or all of the requirements as set forth herein, the County may take such action as it deems appropriate to compel compliance. The County Engineer further retains the right to revoke this Permit by verbal notification to the Applicant/Company.

Failure to obtain this permit and/or notify the County Engineer's Office within 24 hours of beginning construction shall constitute grounds for job shutdown.

By signing below, I certify that I am authorized to represent the Company listed below, and that the Company agrees to the conditions/provisions included in this permit.

Company Name

Atmos Energy _____

By: _____

Danny Mills _____

Signature _____

Title

Right of Way _____

Address _____

462 Monti Dr. _____

City State Zip

Lewisville, TX 75057 _____

Phone Number _____

214-356-3289 _____

Email: danny8285@msn.com

PIPELINE UTILITY APPROVAL

Wise County offers no objection to the proposed location of the utility in the County right of way as shown by accompanying drawings and notice dated _____ except as noted below:
(Month/Day/Year)

EXCEPTIONS:

Chad Davis, P.E.
Wise County Engineer
10-17-14
Signature
Wise County Engr.
Title

BORE ONLY

"THE PURPOSE OF THIS DRAWING IS TO INSTALL ATMOS ENERGY PIPELINES ONLY."

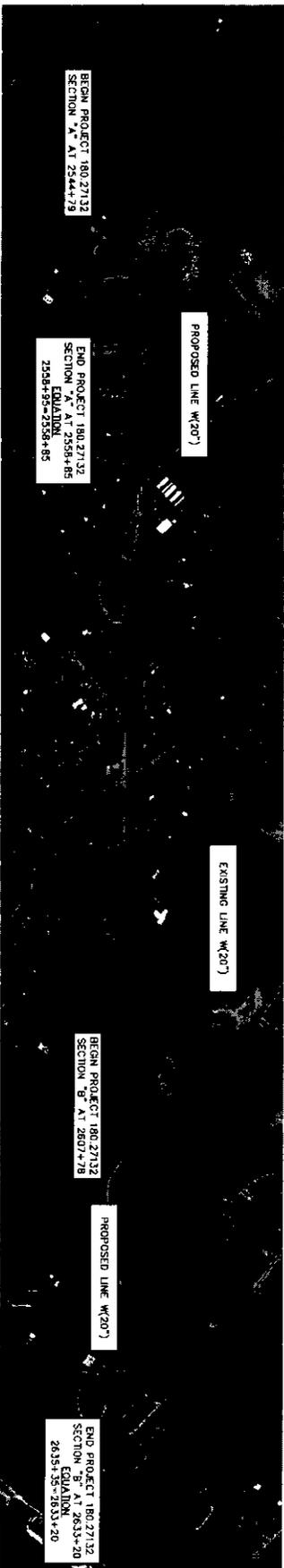
LINE W(20'')

DECATUR, TEXAS

20-INCH PIPELINE RELOCATION

- GENERAL NOTES**
1. CONSTRUCTION CONTRACTOR TO ADHERE TO ALL ATMOS CONSTRUCTION GUIDELINES.
 2. MINIMUM CLEARANCE REQUIREMENT OF 2' FROM ANY UNDERGROUND OBSTRUCTIONS.
 3. MINIMUM COVER REQUIREMENTS TO TOP OF PIPE: 5' (UNLESS SHOWN OTHERWISE)
 4. GPS DATA REQUIRED PER ATMOS STANDARD E0101-Sep-07 Rev. 5
 5. LOCATION MARKERS TO BE PLACED AT R.O.M.S., FENCES AND OTHER OBJECTS CROSSING PIPELINE
 6. EXPOSE FOREIGN LINES AND POTENTIAL OBSTRUCTIONS EVERY 100'
 7. MINIMUM LENGTH FOR ANY PIPE PUP

APPROVED FOR CONSTRUCTION



NOTE
INSTALL APPROXIMATELY 4,175 LINEAR FEET OF 20-INCH STEEL PIPE TOTAL

NOTE
ABANDON APPROXIMATELY 4,100 LINEAR FEET OF 20-INCH STEEL PIPE TOTAL

NOTE
PROPOSED AND EXISTING ATMOS PIPELINES TO BE LOCATED & STAKED PRIOR TO CONSTRUCTION

NOTE
ALL UNDERGROUND UTILITIES TO BE LOCATED PRIOR TO CONSTRUCTION

CAUTION
ALL UNDERGROUND OBSTRUCTIONS MAY NOT BE LOCATED

NOTE
SEE REFERENCE DRAWINGS: H101Z & H1013

PIPE SPECIFICATIONS		DESIGN DATA				TESTING REQUIREMENTS		COATING		FIELD JOINT		WELD SPEC.	
MARK	O.D. (IN.)	W.T. (LB/FT)	PIPE GRADE	ACTUAL CLASS	DESIGN CLASS	P.S.I.G. @ 100% MAP	EXISTING P.S.I.G.	DESIGN P.S.I.G.	INTERVAL HOOP STRESS, S.M.Y.'S	TEST DUR. HRS	TEST PRESS. X-RATE	TEST PRESS. X-RATE	TEST PRESS. X-RATE
A	20.000	4.06	X42	1 OR 3	3	0.50	1,705	800	800	48.9K	1,530	6 HR	100K
B	20.000	3.44	X32	1 OR 3	3	0.50	1,788	800	800	44.7K	1,530	6 HR	100K
C	20.000	3.75	X46	1 OR 3	3	0.50	1,723	800	800	46.4K	1,530	6 HR	100K

| TEST PRESS. X-RATE |
|--------------------|--------------------|--------------------|--------------------|--------------------|
| 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |

COATING	FIELD JOINT	WELD SPEC.
PIPE & ABO	EPOXY	WPS-5820L

TEST PRESS. X-RATE	TEST PRESS. X-RATE	TEST PRESS. X-RATE	TEST PRESS. X-RATE
1,530	1,530	1,530	1,530

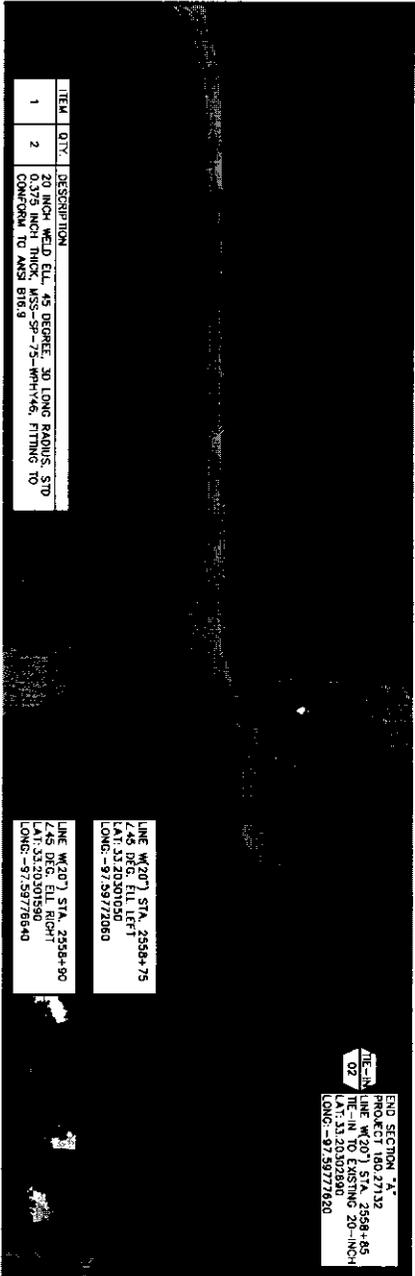
LEGEND

- EXISTING ATMOS ENERGY PIPE LINE
- ABANDONED ATMOS ENERGY PIPE LINE
- PROPOSED ATMOS ENERGY PIPE LINE
- EXISTING ATMOS ENERGY PIPE LINE
- EXISTING EMBRIDGE PIPE LINE
- ATMOS OFFSET GUIDE
- TEMPORARY BY-PASS PIPE LINE
- EXISTING FENCE
- OVERHEAD ELECTRIC
- FIBER OPTIC CABLE



"THE PURPOSE OF THIS DRAWING IS TO INSTALL ATMOS ENERGY PIPELINES ONLY."

MATCH LINE STA. 2552+00



ITEM	QTY.	DESCRIPTION
1		20 INCH WELD FIL. 45 DEGREE TO LONG RADIUS STD. 0.375 INCH THICK. MSS-SP-75-WHT-1/4". FITTING TO CONFORM TO ANSI B16.9
2		

LINE W207 STA. 2554+90
 4.45 DEG. ELL RICH1
 LAT. 33.20301590
 LONG. -97.59772080

LINE W207 STA. 2554+75
 4.45 DEG. ELL LEFT
 LAT. 33.20301590
 LONG. -97.59772080

END SECTION 1
 PROJECT 1602712
 SHEET 02
 DATE 09/22/14
 DRAWN TO EXISTING 20-INCH
 DIA. 20-INCH STEEL PIPE
 LONG. -97.59772080



APPROVED FOR CONSTRUCTION

LEGEND

- EXISTING ATMOS ENERGY PIPE LINE
- ABANDONED ATMOS ENERGY PIPE LINE
- PROPOSED ATMOS ENERGY PIPE LINE
- EXISTING ATMOS ENERGY PIPE LINE
- EXISTING ENERGY PIPE LINE
- TEMPORARY BY-PASS PIPE LINE
- ATMOS OFFSET GUIDE
- OVERHEAD ELECTRIC
- FIBER OPTIC CABLE

GENERAL NOTES

- CONSTRUCTION CONTRACTOR TO ADHERE TO ALL ATMOS CONSTRUCTION GUIDELINES.
- MINIMUM CLEARANCE REQUIREMENT OF 2' FROM ANY UNDERGROUND OBSTRUCTIONS.
- MINIMUM COVER REQUIREMENTS TO TOP OF PIPE: 5' (UNLESS SHOWN OTHERWISE).
- GPS DATA REQUIRED PER ATMOS STANDARD (E911-Sep-07 Rev.5).
- LOCATION MARKERS TO BE PLACED AT R.O.W.S., FENCES AND OTHER OBJECTS CROSSING PIPELINE.
- ALIGNMENT TO BE MAINTAINED THROUGHOUT CONSTRUCTION.
- 7' MINIMUM LENGTH FOR ANY PIPE PUP.

MARK	D.O. (IN)	W.T. (IN)	PIPE GRADE	ACTUAL CLASS	DESIGN CLASS	DESIGN FACTOR	P.S.I.C. EXISTING	P.S.I.C. DESIGN	INTERNAL HOOP STRESS	TESTING REQUIREMENTS	COATING SPECIFICATION	FIELD JOINT COMING	LONG TERM TYPE	WELD SPEC.
"A" PIPE	20.000	4.08	X42	1 OR 3	3	0.50	1,705	800	46.93	1,300	5 HR 100% FBE & A40	SPRAY & POWERCOATED	OSAM OR OSAM CR	WPS-S820
"B" TRENCH PIPE	20.000	3.14	X22	1 OR 3	3	0.50	1,708	800	44.78	1,300	5 HR 100% FBE	SPRAY	OSAM OR EQUIVALENT	WPS-S820
FITTING	20.000	3.75	V46	1 OR 3	3	0.50	1,723	800	46.42	1,300	5 HR 100% FBE	SPRAY	OSAM OR EQUIVALENT	WPS-S820

BORE GUIDELINES

MARK	NAME	ENTRY ANGLE	ENTRY RADIUS	TANGENT	EXIT ANGLE	EXIT RADIUS	*TOTAL LENGTH
A	SECTION 1	2	2000 FT	670 FT	3	2000 FT	1510 FT
* TOTAL LENGTH OF BORES ARE CALCULATED FROM ENTRY GRADE TO EXIT GRADE.							

ATMOS ENERGY
 LINE W207
 20-INCH STEEL GAS
 PIPELINE RELOCATION

HALF TRIEX
 SURFACE PREP
 SYSTEMS

ATMOS
 ENERGY

DATE: 09/22/14
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 PROJECT: ATMOS ENERGY
 SHEET: 3 OF 07

"THE PURPOSE OF THIS DRAWING IS TO INSTALL ATMOS ENERGY PIPELINES ONLY."



LINE #207, STA. 2628+92
 42' DESIGN LEFT
 L&I 33,21889930
 LONG--97.61125840



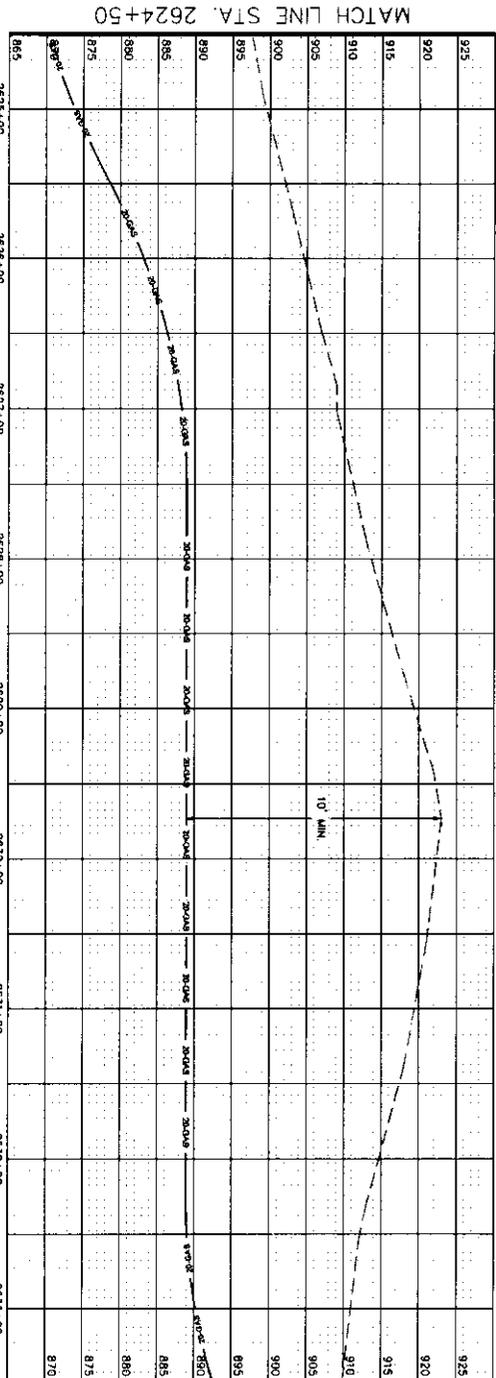
APPROVED FOR CONSTRUCTION

LEGEND

- 26046 EXISTING ATMOS ENERGY PIPE LINE
- 26046 ABANDONED ATMOS ENERGY PIPE LINE
- 26046 PROPOSED ATMOS ENERGY PIPE LINE
- 26046 EXISTING ATMOS ENERGY PIPE LINE
- 26046 EXISTING EMBROIDER PIPE LINE
- 26046 TEMPORARY BY-PASS PIPE LINE
- ATMOS OFFSET GUIDE
- EXISTING FENCE
- OVERHEAD ELECTRIC
- FIBER OPTIC CABLE

GENERAL NOTES

1. CONSTRUCTION CONTRACTOR TO ADHERE TO ALL ATMOS CONSTRUCTION GUIDELINES.
2. ADEQUATE OBSTRUCTION REQUIREMENT OF 2' FROM ANY 3" MINIMUM CORER REQUIREMENTS TO 10' OF PIPE; 5' (UNLESS SHOWN OTHERWISE)
3. ALL DATA REQUIRED PER ATMOS STANDARD E0101-599-07 Rev.5
4. LOCATION MARKERS TO BE PLACED AT R.O.W. FENCES AND OTHER OBJECTS CROSSING PRELINE ALIGNMENT
5. EXPOSED FOREIGN LINES AND POTENTIAL OBSTRUCTIONS MUST BE IDENTIFIED FOR ANY PIPE RUN
6. 7' MINIMUM LENGTH FOR ANY PIPE RUN



BORE GUIDELINES

MARK	NAME	VERTICAL BORES		EXIT	*TOTAL LENGTH
		ENTRY	TANGENT		
B	SECTION 2"	0'	2000 1.1	625 1.1	6'
				2000 1.1	1849 1.1

* TOTAL LENGTH OF BORES ARE CALCULATED FROM ENTRY GRADE TO EXIT GRADE.

NOTE: ALL APPROXIMATELY 900 LINEAR FEET OF 20-INCH STEEL PIPE TOTAL.

NOTE: ALL UNDERGROUND UTILITIES 800 LINEAR FEET OF 20-INCH STEEL PIPE TOTAL.

CAUTION: ALL OBSTRUCTIONS MAY NOT BE LOCATED.

DESIGN DATA				PIPE TABLE			
MARK	C.O. (IN)	WT. PER FOOT (LB)	ACTUAL PRESS. (PSI)	DESIGN PRESS. (PSI)	EXISTING PRESS. (PSI)	DESIGN HOOP STRESS (K.S.I.)	INTERNAL HOOP STRESS (K.S.I.)
A	20,000	406	1,000	3	0.50	1,705	600
B	20,000	344	1,000	3	0.50	1,788	600
FTING	20,000	375	1,000	3	0.50	1,725	600

TESTING REQUIREMENTS				COATING			
TEST DUR.	TEST DUR.	X-RAY	TEST DUR.	FIELD AMT.	LONG SEAM TYPE	WELD SPEC.	TEST DUR.
6 HR	6 HR	100%	6 HR	100%	WPS-5870L	WPS-5870L	6 HR
6 HR	6 HR	100%	6 HR	100%	WPS-5870L	WPS-5870L	6 HR

DATE: 09/22/14
 BY: [Signature]
 CHECKED: [Signature]
 DATE: 09/22/14

ATMOS ENERGY
 LINE WORK
 20-INCH STEEL GAS
 PRELINE RELOCATION

HAFF TRITEX
 ATMOS ENERGY
 CIVIL

