

Job Description:

Osage - 1 - MEXTE

Region: South

Sector: 1305

Maximo Work Order:

21482279

TownCode: 0901

Project #: 803981

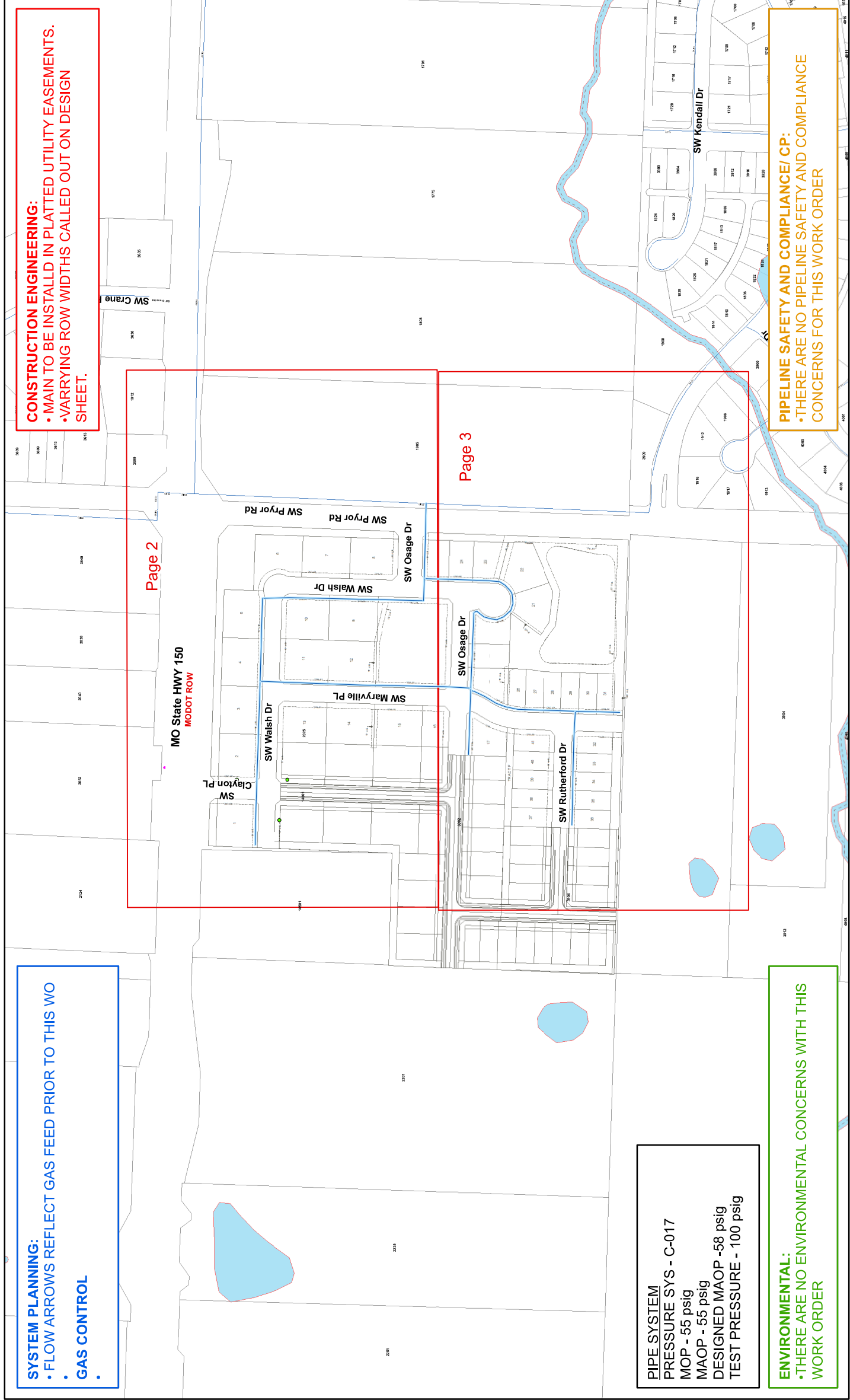


SYSTEM PLANNING:

- FLOW ARROWS REFLECT GAS FEED PRIOR TO THIS WORK
- GAS CONTROL

CONSTRUCTION ENGINEERING:

- MAIN TO BE INSTALLED IN PLATTED UTILITY EASEMENTS.
- VARYING ROW WIDTHS CALLED OUT ON DESIGN SHEET.



PIPE SYSTEM
PRESSURE SYS - C-017
MOP - 55 psig
MAOP - 55 psig
DESIGNED MAOP -58 psig
TEST PRESSURE - 100 psig

ENVIRONMENTAL:
• THERE ARE NO ENVIRONMENTAL CONCERNS WITH THIS WORK ORDER

PIPELINE SAFETY AND COMPLIANCE/CP:
• THERE ARE NO PIPELINE SAFETY AND COMPLIANCE CONCERNS FOR THIS WORK ORDER

1. INSTALL STEEL MAIN PER STD. 2310, 2320, AND 2350.
2. INSTALL PLASTIC MAIN PER STD. 2310 AND 2350.
3. FOR INCREASES IN MAXIMUM OPERATING PRESSURE SEE STD. 3220.
4. SEE STD. 2310.3 FOR TRACE WIRE AND TEST STATION INFORMATION.
5. CONTRACTOR OR INTERNAL FOREMAN TO CHECK CATHODIC PROTECTION OF ALL EXISTING CATHODICALLY PROTECTED FACILITIES EXPOSED AND DIRECT STEPS NECESSARY TO MAINTAIN PROPER ISOLATION AND CATHODIC PROTECTION AS REQUIRED.
6. INSTALL ANODES AND/OR TEST STATIONS PER STD. 3680 PER INSTRUCTIONS FROM CORROSION PROTECTION INSPECTOR.
7. CREATE A PIPE OBSERVATION IN MAXIMO TO DOCUMENT EXPOSED PIPE CONDITIONS PER STD. 3610.5.4.
8. FOR UTILITY LOCATES, CALL ONE-CALL SYSTEM "811" OR (1-800-344-7483), AREA CATV AND ALL OTHER AFFECTED UTILITIES.
9. CONTACT ROW TO SECURE NECESSARY EASEMENTS AND FOR ANY SURVEY WORK @ 314-658-5497 OR 314-349-2933.
10. SQUEEZE-OFF PROCEDURE - STD. 2510.
11. SHUTDOWN PROCEDURE - STD. 10000, CONTACT SYSTEM CONTROL AT 314-658-5486
12. CONDUCT INITIAL CATHODIC PROTECTION SURVEY FOR NEW STEEL INSTALLATION PER STD. 3610
13. RADIOGRAPH PER STD.W 100.4
14. PRESSURE TEST PER STD. 2410 DOCUMENT ON PRESSURE TEST PAGE.
15. ABANDON GAS MAIN PER STD. 2620.
16. INSERT PLASTIC MAIN PER STD. 2320.
17. ANY QUESTIONS CONCERNING CONVERSION OF EXISTING MAINS CONTACT PIPELINE SAFTEY AND COMPLIANCE @ 314-349-2932.
18. SPIRE PERSONNEL SHOULD FOLLOW STANDARD PRECAUTIONS REGARDING THE POTENTIAL FOR DRIP OIL TO BE PRESENT IN ACTIVE GAS MAINS AND ADHERE TO APPROVED PROCEDURES FOR MANAGEMENT/DISPOSAL OF ANY PIECES OF PIPE GENERATED IN THE COURSE OF ABANDONMENT. ANY DOCUMENTED DRIPS SHOULD BE CLEARED AND DRAINED BEFORE ABANDONMENT.
19. ALL PLASTIC MAIN TO BE TERMINATED PER STD 2310.2.4.
20. INSTALL EFV OR MANUAL SHUT-OFF VALVE PER STD 2385

Main & Service

- Existing
- Install
- Proposed
- Abandon
- Gas Pipe Casing

Gas Valve

- Ball
- Butterfly
- Gate
- Plug
- Blow Down
- Take Point
- Drip
- Test Station
- Regulator Station
- Meter Setting
- Marker Post

Electronic Marker

- Service Tee
- Stopper / Bottom Outlet
- Coupling
- Insulated Coupling
- Trace Wire Box

End Cap

- Flange
- Insulated Flange
- Cross
- Reducer
- Tee

Vertical EII

- Bend
- Exposed Pipe
- Rectifier
- Rectifier Cable
- SteamLines

Street Car Tracks

- RCP Reinforced Concrete Pipe
- CMP Corrugated Metal Pipe
- Contamination
- DNR Tanks
- DNR Remediation

Check for
Work Order Authorization

Designer:	Revision Date(s):
LWB	
Original Date:	
10/21/2020	

MODOT ROW



PAGE 2 OF 3

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PRESSURE TEST OF GAS MAINS
(One Test Per Sheet)

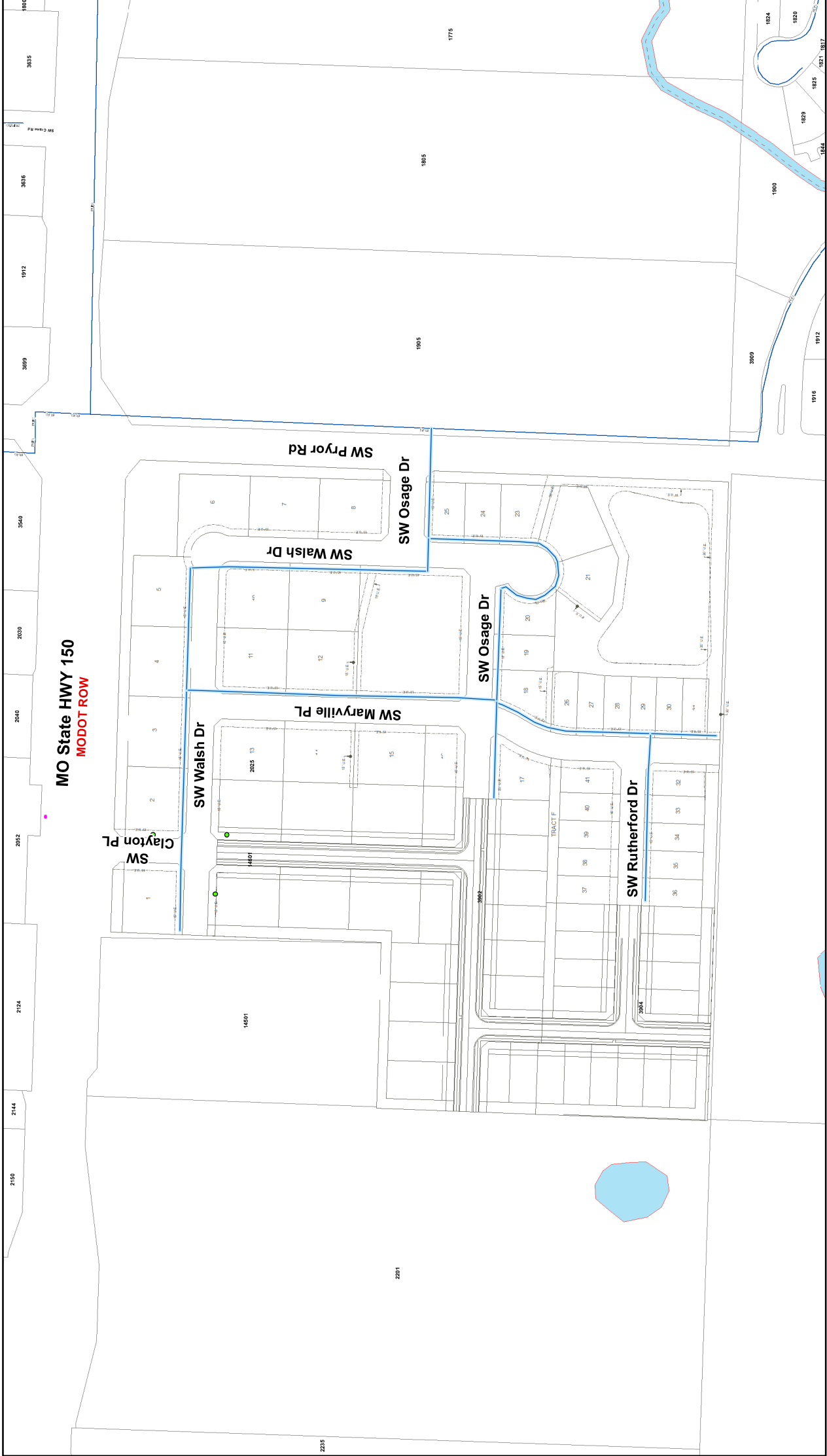
Tie-in Number
Soap Test ☐ Yes ☐ No
Date:
Time:
System Gauge Pressure:
Signature:

Tie-in Number
Soap Test ☐ Yes ☐ No
Date:
Time:
System Gauge Pressure:
Signature:

Tie-in Number
Soap Test ☐ Yes ☐ No
Date:
Time:
System Gauge Pressure:
Signature:

Tie-in Number
Soap Test ☐ Yes ☐ No
Date:
Time:
System Gauge Pressure:
Signature:

Tie-in Number
Soap Test ☐ Yes ☐ No
Date:
Time:
System Gauge Pressure:
Signature:



Pipe Size: Length (ft):

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Pipe Size: Length (ft):

Pressure System: TF \ SF \ FP \ HP \ IP \ MP \ LP

Test Medium: Water \ Air \ Gas Other:

Gauge Type: Recording Indicating Dead Weight

Gauge I.D. :

Calib. Date :

Test Date:

Start Time: End Time:

Start Press.: End Press. :

Start Temp.*: End Temp.*:

* Water or Pipe temperature, not ambient

If Discharge volume is over 1,000 gallons - Contact Lab for sample collection.

Note all leaks or failures, including cause, and corrective action taken in comments below.

SEE STD#2410 FOR PRESSURE TESTING. SEE STD #3220 FOR UPRTING. SEE STD #3265 FOR LEAK SURVEY. FOR ANY QUESTIONS REGARDING THE STANDARDS, PLEASE CONTACT PIPELINE SAFTEY AND COMPLIANCE AT 314-349-2932 OR 314-354-6533

Crew Foreman: Date:

Inspector: Date:

Supervisor: Date:

Comments: