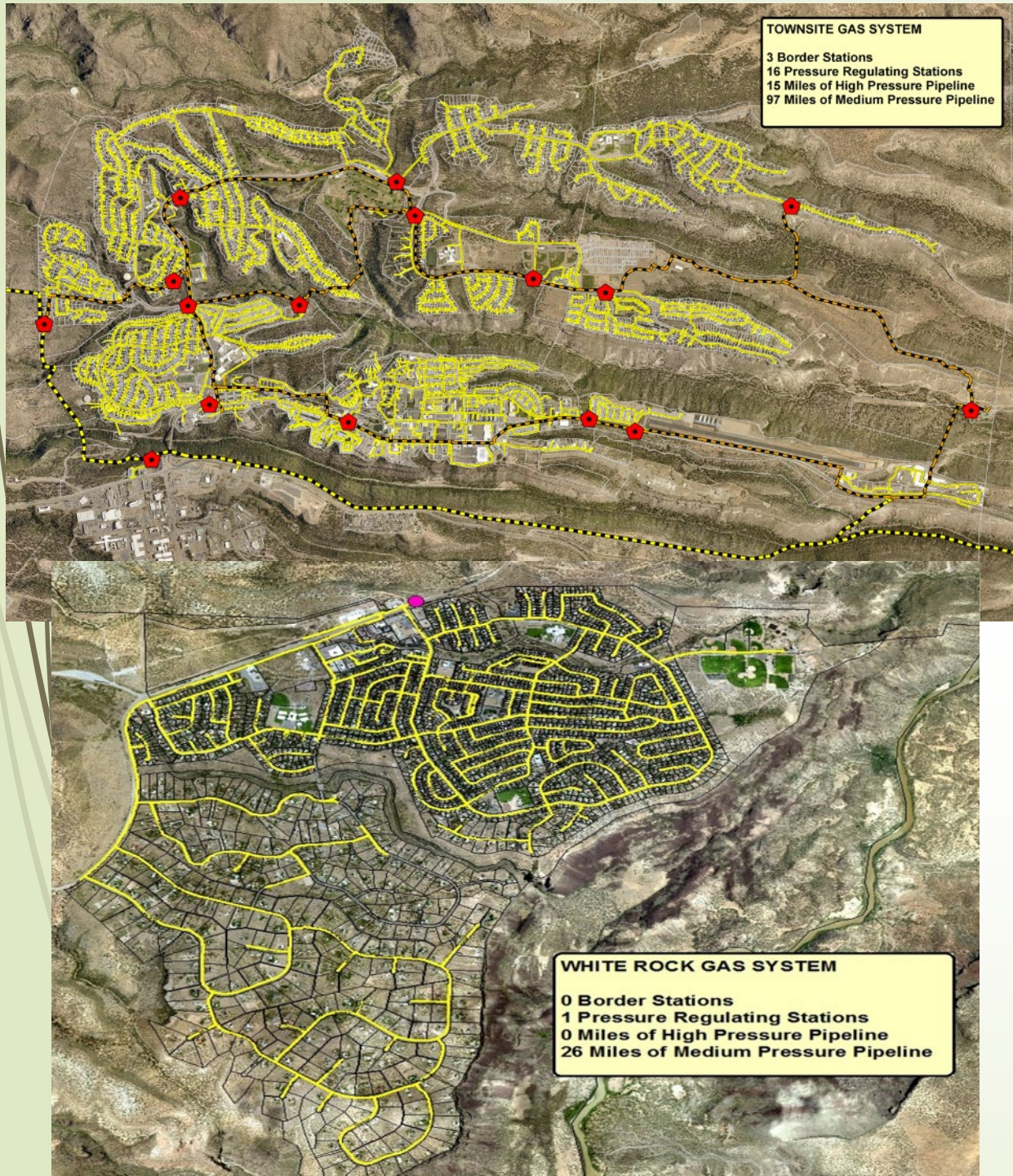




Presented to the Board of Public Utilities 10/01/2025

DPU Annual Report: Gas Distribution

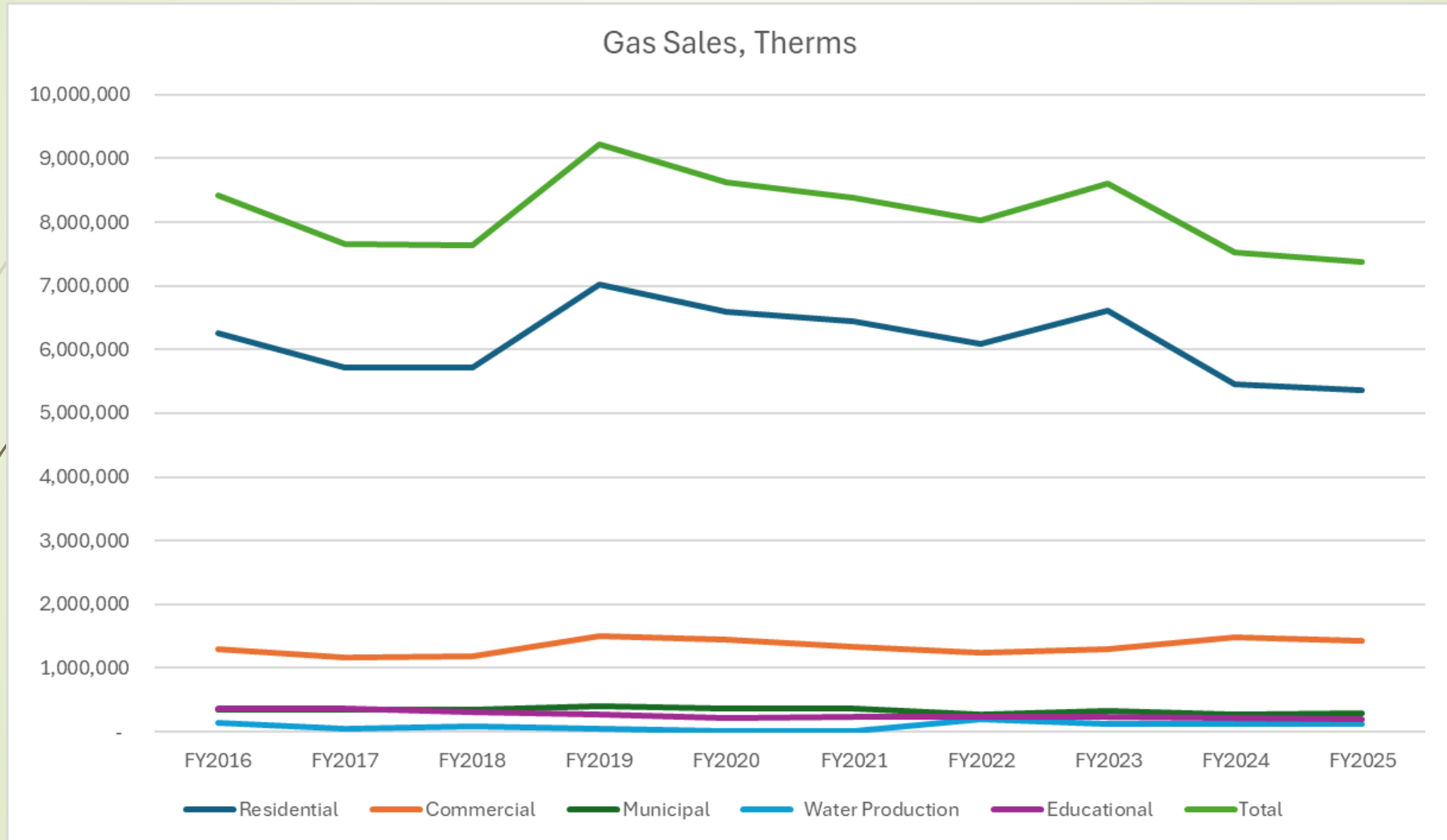
T. Clay Moseley

Deputy Utilities Manager - GWS Services

Gas System at a Glance

- 3 border stations (Townsite)
- 1- 300 psig HP regulator station – White Rock
- 100 psig HP main (TS) - 15 miles
- 20 psig MP main (TS) - 97 miles
- Pressure regulating stations (TS) - 16
- 60 psig MP main (WR) – 26 miles
- Primary gas projects in 2025:
 - DP Road
 - Quartz St isolated steel section
 - Third-party – Elk Ridge

Gas Sales by Sector



DP Road Utilities and Roads Project

Installed:

- 2425 lf -- 4" gas main line
- 76 lf – 2" gas service line
- 1400 lf – 1" gas service line

Abandoned:

- ½" service line – 40 lf
- ¾" service line – 950 lf
- 1" service line – 248 lf
- 1 ¼" service line – 350 lf
- 2" main line – 1029 lf
- 2" valves – 1 ea
- 4" valves – 2 ea

Quartz St. Isolated Steel Section

Installed:

- 1 ¼" main line – 12 lf
- 2" main line – 230 lf
- 1" service line – 44 lf
- ¾" service line – 65 lf

Abandoned:

- 1 ¼" main line – 334 lf
- ½" service line – 10 lf

All abandoned piping on Quartz was unprotected steel pipe that had not been converted to PE pipe during a previous project, approximately sometime in the 1980s.

2025 O&M Report

Required Annual Maintenance Activities

- **Monthly Pressure Data Downloads:** Completed as scheduled
- **Pipeline Patrol:** Conducted twice per year
- **Cathodic Protection Inspection:** Annual inspection completed
- **Atmospheric Corrosion Control:** Implemented and monitored
- **Gas Pressure Relief Valve (PRV) Inspection/Adjustment:** Regular inspections completed
- **Continuing Surveillance/PRC:** Ongoing surveillance maintained
- **Gas Key Valve Inspection and Maintenance:** Inspections completed
- **Gas Leak Survey:** Conducted with all necessary follow-ups
- **Utility Gas Locates:** 1,450 completed to date

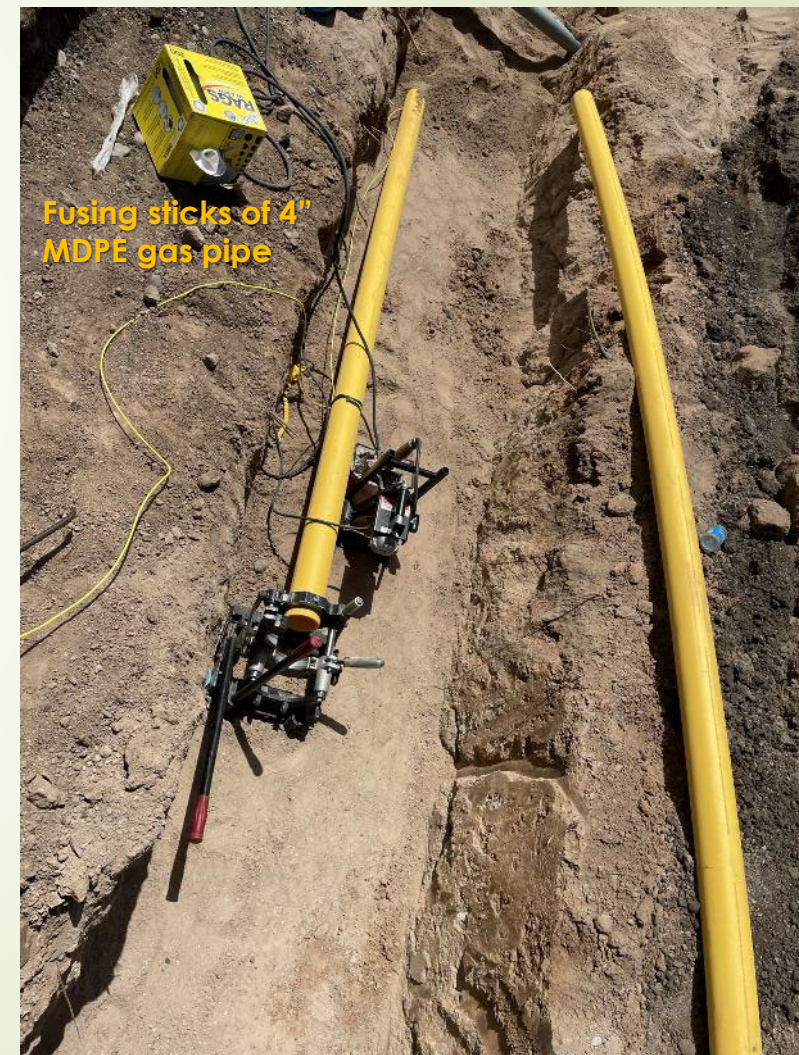
Incidence Response Activities

- **Underground Gas Leak Repairs:** 10 leaks repaired
- **Third-Party Line Hits:** 5 incidents reported with GWS response
- **Gas Customer Callouts:** 395 total callout responses - various categories
- **Magnesium Anode Installations:**
 - 20 units of 48 lb. anodes
 - 15 units of 1 lb. anodes
 - 2 units of 5 lb. anodes
- **Elk Ridge Leak Survey:** Surveys completed each month up to July

Meter Changeouts

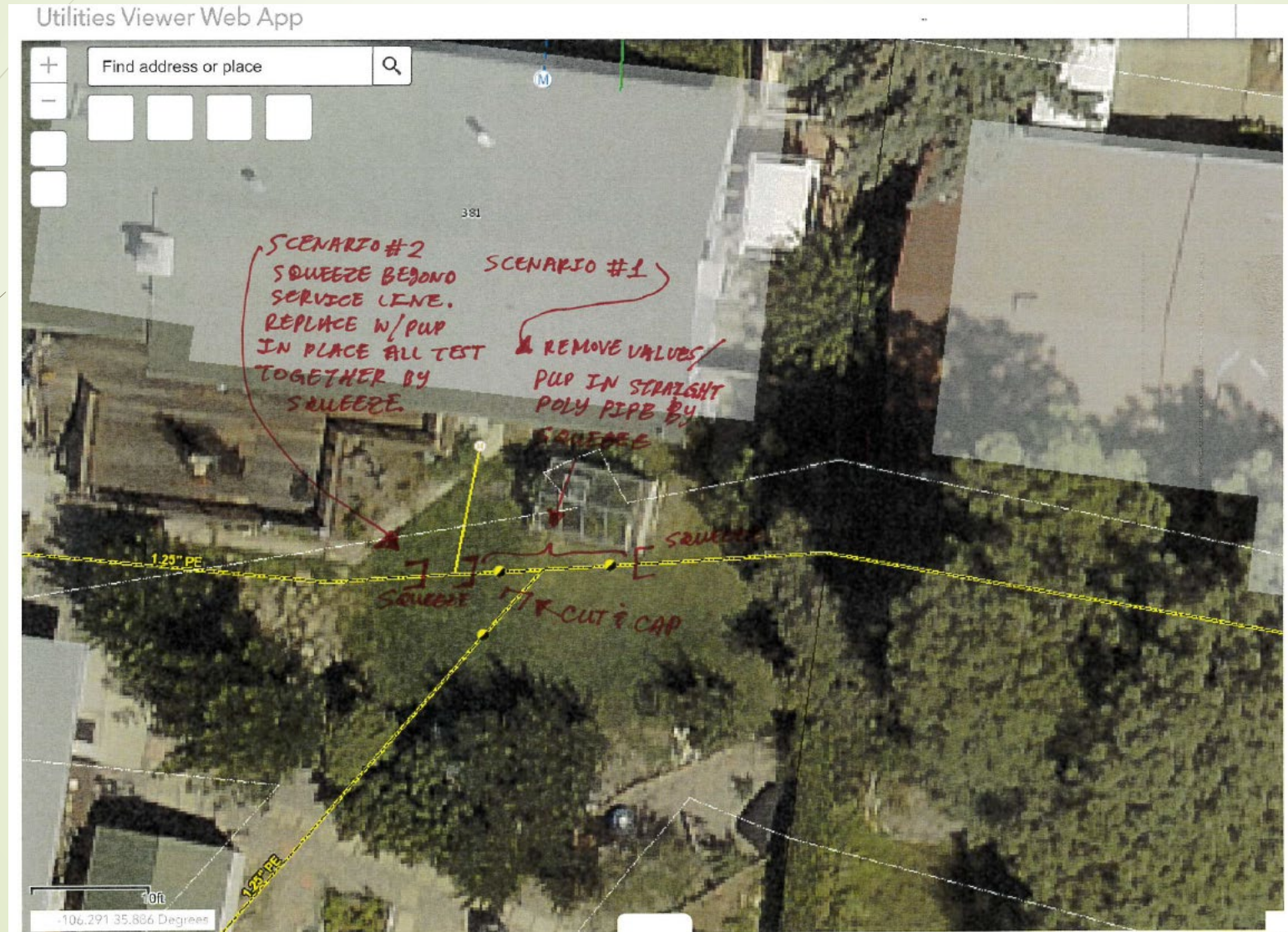
- **Commercial Meters** – 10 commercial meters replaced/upgraded
- **Residential meters** – 38 residential meters replaced/upgraded

DP Road Utilities Upgrades



Quartz St. – Unknown Isolated Steel Section

Emergency coordination to replace a large section that had a detectable leak



Elk Ridge Gas System Replacement Project by YES! Communities

Contractors

- Dub-L-EE for the municipal side
(gas mains and service lines to the meter)
- Cartwright Plumbing for the residential gas plumbing inside the mobile homes
 - New piping/fittings
 - Pressure testing
 - State CID mobile home division permit coordination

DPU Coordination

- Inspection services
- Records management
- QA/QC – pressure testing, etc.
- Meter manifold installations – furnish & install:
 - Sensus iSONIX meters
 - Pressure regulators
 - Valves
 - Fittings
- System Operation

Elk Ridge Meter Installations



Each installed double meter set will cost DPU-GWS approximately \$1,200 to \$1,500 – there will be 81 installations

Elk Ridge Gas Replacement - New Double-Meter Set Parts List

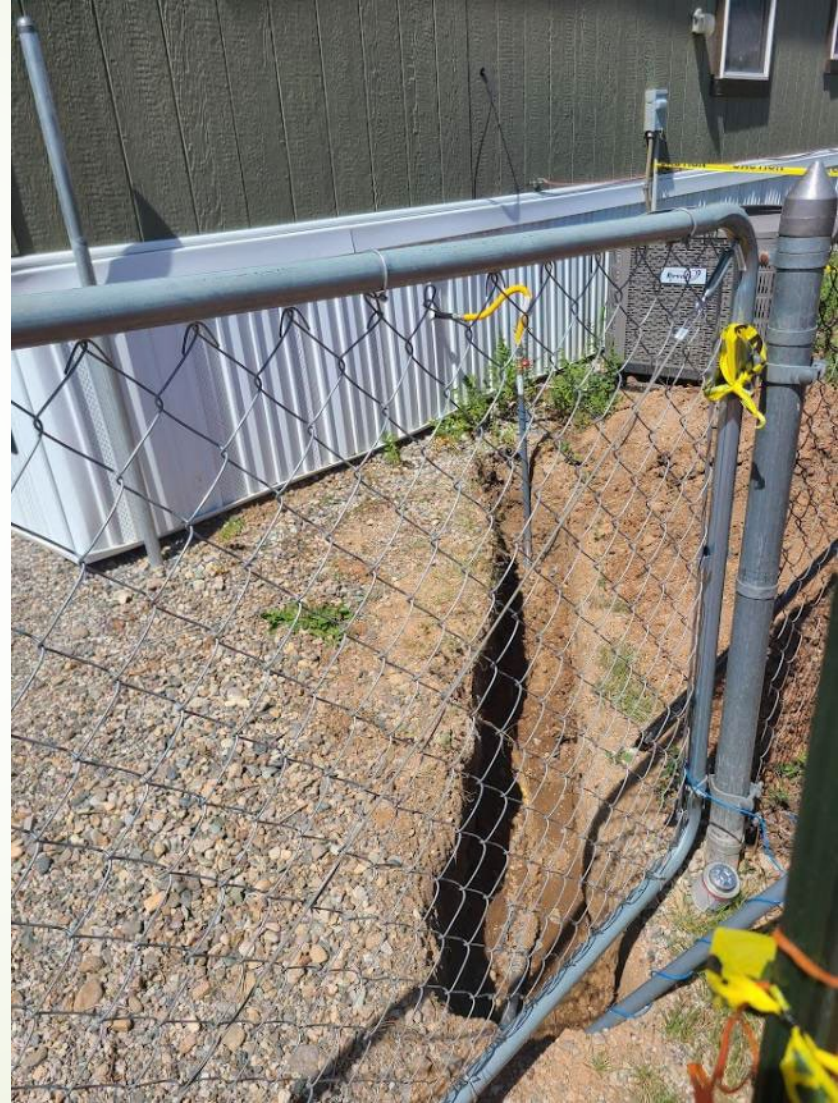
Each Meter Set Installation Consists of the Following:

Part	Size/Dimension	Count (ea.)	# Installations	Total Qty
Nipple	3/4" x 6"	1	81	81
Nipple	3/4" x 10"	3	81	243
Nipple	3/4" x 2.5"	2	81	162
Nipple	3/4" x 1.5"	2	81	162
Union	3/4"	1	81	81
Valve	3/4"	3	81	243
90° Elb	3/4" x 3/4"	2	81	162
Tee	3/4" x 3/4" x 3/4"	1	81	81
Bell Reducer	3/4" x 1"	2	81	162
Spud	1"	4	81	324
Regulator, 180° - 6-12" WC	3/4"	2	81	162

Elk Ridge Gas Project Schedule

- Project began in June
- Proposed completion date: late October/early November
- Schedule status as of September 23
 - Dub-L-EE is just past 50% complete with municipal-side pipe installation
 - No portions have been put into service
 - LANL needs to complete a reconfiguration of their old regulator station to connect to the new PE system within Elk Ridge
 - LANL has plans in place, but the work has not commenced
- There will be some complications with the NM CID mobile home division permitting process for some residents who have non-compliant gas plumbing and/or appliances
- It appears that not all homes will be transferred to the new system by the winter heating season

Elk Ridge Gas System Replacement



Connecting the New System to the Homes



Thank you.
Questions or
comments?

