

Fire Investigation and Witness Information

G-FIRE PCAD Order Number: MANC-20230210-20141

Fire Investigation Type: ~~Type 2~~ Type 3 Did explosion occur: Yes No

Address/Location: 1414 AEGEEST DR

City: RAPID CITY District: Rapid City Region: Black Hills State: SD

Residential Commercial Industrial Regulator Station Other _____

Fire Department Contact Information (if on site): Agency: RAPID CITY FIRE DEPT

Name: CHIP PREMUS Title: FIRE INVESTIGATOR Phone Number: 605-890-6216

Employee(s) present during investigation: BRUCE HEYING - HENRY McINTOSH - DARWIN HEYING
MARK KNODEL

Meter Set Assembly Flow: _____ Lockup: _____ → Meter set destroyed by fire not able to perform flow / Lockup.

HPSS/Farm Tap Flow: _____ Lockup: _____
Flow and Lockup shall be recorded on video. Refer to OPS 613 - Gas Emergency Response Plan.

Meter Leak Survey Results

Method: Soap CGI Other _____ SN: _____ NA

Were Leaks Found: Yes No If leak found: _____ PPM %LEL % Gas

riser sheared off by vehicle - gas blowing until svc line squeezed off.

Service Line, Foundation Wall and Adjacent Main Leak Survey Results

Method: PMD RMLD Bar Hole with CGI SN: 3151

Service Line Results: Were Leaks Found: Yes No If leaks found: _____ PPM %LEL % Gas
If bar holed with CGI Distance between bar holes: _____ FT

Foundation Wall Results: Were Leaks Found: Yes No If leaks found _____ PPM %LEL % Gas
If bar holed with CGI, number of points along each wall _____ distance between bar holes: _____ FT

Main Results: Were Leaks Found: Yes No If leaks found _____ PPM %LEL % Gas

Description (e.g. 100 ft. each direction of service line tee, main from property line to property line, 80 ft. each direction of service line and HP main on opposite side of street, etc.).

SURVEYED WITH LAZER - NO LEAKS FOUND

If bar holed with CGI, distance between bar holes: _____ FT

If the entire service line(s), multiple locations along each foundation wall, and/or main were not included in the leak survey, provide a description of what was leak surveyed (e.g. from the riser to 100 ft. from riser) and a reason (e.g. comprehensive investigation determined no underground leaks)

NO LEAKS FOUND - SURVEYED WITH LAZER

Odorometer Sniff Test Location: MDU METER 012 8830014

Results: .90 % Odorometer SN: 2000650006

Investigation Steps Witnessed: Leak Survey Flow and Lockup Odorometer Sniff Test

Other _____

Witness Name: ARWIN HEYNE HENRY MCINTOSH Witness Title: FOREMAN Witness Agency: MDU

Witness Signature and Date: [Signature] [Signature]

Type 2: Odorometer sniff tests shall be witnessed by the highest authority from the fire department or another Company employee when the fire department is not on site.

Type 3: Odorometer sniff tests shall be witnessed by the 3rd party investigator or highest authority from the fire department.

Pictures taken:

- NA proximity of gas meter, including proximity to drip line - Gas meter completely destroyed by fire.
- NA meter set assembly as found (intact) with fitting alignment marked - completely destroyed by fire
- NA regulator vent screen - completely destroyed by fire
- NA meter index - completely destroyed by fire
- NA meter number - meter completely destroyed CBS indicates meter # 012830962
- NA meter read (if handheld meter read device is available) - meter completely destroyed
- structure damage, including venting and air combustion air

Were Company facilities removed during the follow-up investigation: Yes No If No, next question not required.

If Company facilities are removed after the submission of form 23027, a supplemental/revised 23027 is not required.

Do the facilities removed need to be retained for evidence¹: Yes No ^{SEE picture of meter recovered during fire cleanup by Fire Dept.}

If yes complete form 21706 - Facilities Recovered from Fire/Explosion.

¹Facilities removed from Type 3 Fires shall be retained for evidence. When requested by Operations Services, facilities removed from Type 2 Fires shall be retained for evidence. Refer to OPS 613 - Gas Emergency Response Plan.

ODOROMETER SNIFF TEST
FIREMAN TYLER POWELL - CAPTAIN
ODORANT SNIFF TEST

MDUG-20230214-20280
.36 2-14-2023
Justin Roe
RCFD AHJ

[Signature]

2-10-23

Riser sheared off by vehicle running into building @ 4:20 AM
line blew until squeezed off @ 5:55 AM. Gas ignited - fire
ensued - building is a total loss, 1 casualty, 4 hospitalized.

Leak surveys documented here indicate no gas leaks other than
caused by vehicle hitting the meter.