

Pappenheim 6-62-27 CW2 Pad

Pipeline & Temporary Tanks

This location will have 2 temporary LVST's and 10-500 bbl frac tanks OR up to 110-500 bbl frac tanks. Frac tanks located on this pad may service completion operations being conducted on an adjacent pad location. A sundry would be submitted in the event this situation occurs. Surface owner approval would be obtained where necessary. This location will also have up to 15-300 bbl temporary tanks for drilling operations.

2 Gas Pipelines (2" steel), 2 Water Pipelines (3" steel), 2 Oil Pipelines (3" steel), 2 Injection Pipelines (4" steel), 2 flowlines (4" steel). When possible temporary water pipelines will carry water from storage tanks or water sources to well completion sites. Pipes will be made of flexible and rigid materials (plastic, aluminum and steel) generally 8" to 12" in diameter. The length will be determined by the distance to the well site to be serviced for the fracing operation. This will greatly minimize the number of truck trips required for the well completion.