



U.S. Army Corps of Engineers
Omaha District

STANDARD STIPULATION

DISTURBANCE GUIDELINES

Noise Controls— The use of internal combustion engines to provide the prime moving power of production equipment is prohibited. All production equipment, compressors or other components associated with production facilities will be electrically powered, to avoid disturbance to the general public, wildlife, livestock and surface owners.

Fire Prevention and Suppression at the Well Site—The Lessee shall build or construct fire lines or do such clearing around the well location for fire prevention along with having the proper personal protective equipment (PPE) on site. A 30 foot minimum bare ground buffer zone shall be maintained around any production facilities, equipment and/or accessories, limiting the likelihood of producing a flame. Examples include but are not limited to heater-treaters, flare-pits, separators, line heaters, etc.

Flare Pits—If flaring is required, a pit must be used to minimize visual disturbance to the landscape. The flare pit must be surrounded on all four sides by an impermeable dike/berm of sufficient capacity to adequately contain any incidental discharge from flare stacks. No flare stacks will be allowed, flare pits must be functional, a minimum 30 foot vegetation free buffer shall be maintained around flare pit, and flare pits will not be constructed in coal seams.

Lines- Open Ended Lines, Load Lines, Valves and Catch Basins—Any open-ended line or valve on any production facilities, equipment and/or accessory will have catch basins installed at the point of hook-up or where the line is open or beneath the valve to capture drips and spills. They shall be of an adequate capacity and securely fastened or buried to prevent being moved in the wind and shall be kept screened and promptly emptied when full. All surface lines shall be painted. Load (truck) lines must terminate within the diked area unless approved in writing by USACE. Tank battery vent lines must terminate within the diked area and be designed so that no liquids can flow out of the vent lines or outside the dikes. Battery vents should not come down to ground level unless a vapor recovery system is installed to prevent the build-up of flammable vapors. Secondary gas containment lines from the production tanks to the flare pit are used to capture gas from the tanks and to contain minor spills. If approved, this line, whether buried or on surface, must be constructed so that all liquids flow into the pit.