

# Wayne National Forest

## 2002-2 - Oil & Gas Leasing EA

### Best Management Practices and Recommended Mitigation Measures

Best Management Practices (BMPs): BMPs are policies, practices, procedures, or structures implemented to mitigate the adverse environmental effects on surface water quality resulting from development. BMPs are categorized as structural or non-structural. A BMP policy may affect the limits on a development.

#### Visual and Aesthetics

1. Select color schemes for aboveground structures that blend with the surrounding landscape when viewed from distances of five-hundred (500') feet or more.
2. Keep height, size and numbers of structures to the minimum necessary for drilling and other operations.
3. Utilize topographic features and vegetative cover to screen structures and surface disturbing activities.
4. Keep disturbed areas to the minimum size necessary.
5. Utilize existing roads for access to drill sites where this could reduce scenic impacts. Plan any new road construction efficiently to minimize impact on scenic resources.
6. Employ the following measures for road and drill pad construction:
  - a) Construct landform cuts and fills to blend with the surrounding topography through the use of slope rounding and other techniques such as those described in Agriculture Handbook 483, Roads.
  - b) Favor slopes under 30% for road locations.
  - c) Align roads to minimize scenic impacts, depending on topography and vegetation.
  - d) Limit roadway centerline gradients to a maximum of fifteen (15%) percent unless otherwise approved by the Forest Service.
7. Follow natural vegetative edges, utilize free-form irregular lines and create feathered edges for vegetative clearings for roads, drill pads, electric lines, pipelines, and other facilities.
8. Dispose of all debris within disturbed areas immediately after site construction and concurrent with drilling and other operations.
9. The following work will be done during reclamation of the site:
  - a) All junk, trash, etc., will be removed or buried at the direction of the Forest Service.

b) All holes will be filled and the disturbed areas graded to blend with the adjacent natural topography.

c) Topsoil stockpiled during site construction will be spread over the site and finish-graded prior to revegetation.

d) A tractor and disc may be required to prepare a proper seed-bed for revegetation.

e) Revegetate all disturbed areas with native plant materials and monitor vegetation to assure continued growth for a period of one year or one full growing season.