

## PLANNING BMP's

- \* Share/consolidate corridors for pipeline ROWs to the maximum extent possible.
- \* Maximize the utility of surface facilities by developing multiple wells from a single pad (directional drilling), and by co-locating multipurpose facilities (for example, well pads and compressors) to avoid unnecessary habitat fragmentation and disturbance of additional geographic areas.
- \* Avoid new surface disturbance and placing new facilities in key wildlife habitats in consultation with CDOW.
- \* Minimize the number, length, and footprint of oil and gas development roads
- \* Combine utility infrastructure (gas, electric, and water) planning with roadway planning to avoid separate utility corridors
- \* Where possible, consolidate pipeline and existing roadways, or roadways that are planned for development
- \* Maximize the use of directional drilling to minimize habitat loss/fragmentation
- \* Maximize use of remote completion/frac operations to minimize traffic
- \* Maximize use of remote telemetry for well monitoring to minimize traffic
- \* Phase and concentrate development activities, so that large areas of undisturbed habitat for wildlife remain.
- \* Maintain undeveloped areas within development boundaries sufficient to allow wildlife to persist within development boundaries during all phases of construction, drilling, and production.
- \* Minimize the duration of development and avoid repeated or chronic disturbance of developed areas. Complete all anticipated drilling within a phased, concentrated, development area during a single, uninterrupted time period.

## CONSTRUCTION BMP's

- \* Close and reclaim roads not necessary for development, including removing all bridges and culverts and recontouring/reclaiming all stream crossings.

## DRILLING/COMPLETIONS BMP's

- \* Conduct well completions with drilling operations to limit the number of rig moves and traffic.

## PRODUCTION/RECLAMATION BMP's

- \* Use only certified weed-free native seed in seed mixes, except for non-native plants that benefit wildlife
- \* WPX Energy will use certified, weed free grass hay, straw, hay or other mulch materials used for the reseeding and reclamation of disturbed areas.
- \* Install exclusionary devices to prevent bird and other wildlife access to equipment stacks, vents and openings.
- \* Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multi-function contractors.
- \* Avoid dust suppression activities within 300 feet of the ordinary high water mark of any reservoir, lake, wetland, or natural perennial or seasonally flowing stream or river where possible.