

**ENERGEN RESOURCES CORPORATION
2010 AFTON PLACE
FARMINGTON, NM 87401**

**WILDLIFE BEST MANAGEMENT PRACTICES
FOR JARAMILLO 32-6 #12-3**

The listed items below are the wildlife operating standards and best management practices (BMPs) that Energen intends on implementing on the Jaramillo 32-6 #12-3 well location and associated facilities. The expected benefit to wildlife is described below each referenced operating standard (from COGCC regulations) or BMP.

- Use of underground produced water system, piping all produced water back to a centrally located Salt Water Disposal Facility [1203.a.(3), 1203.a.(16)].
 - Reduces truck traffic to location for purposes of water hauling.
- Gas flow line and produced water line are placed in same ROW until the intersection of their respective pipeline tie-ins [1203.a.(5)].
 - Consolidation of facilities reduces direct habitat disturbance and fragmentation.
- Electrification of well and burial of electric line along access road [1203.a.(3), 1204.a.(3)].
 - Use of underground electrical is raptor friendly.
 - Reduction of noise is wildlife and neighbor friendly
 - Reduction of pollution by reducing the need for petroleum based engines and therefore reducing green house emissions such as CO₂, NO_x, particulate matter, and other associated emissions.
 - By trenching the electrical facilities in there is minimal disturbance to surface area
- Use of exclusionary barrier around equipment.
 - Permanent exclusionary barrier will be placed around moving equipment on location to prevent the wildlife entry to potentially harmful equipment.
- Gating access to well location to restricting public access [1203.a.(11)].
 - Gates and fencing at entrances of locations restricts public access, reduces traffic, and minimizes disturbance to wildlife in the area.
- Use of Closed-loop Drilling Operations [removes need for 902]
 - Removes the need for a pit.
 - Fewer hazards for wildlife and potential risks associated with having a pit during drilling operations.
- Recycling of Drilling fluids [1203.a.(16)].
 - Less truck traffic due to the recycling methods that Energen has been developing with contractors.
 - Mud systems are dewatered and the water is then reused during drilling operations.

- Mud that is still able for use upon completion is transported to the next drilling location for drilling operations, reducing the amount of water usage.
- Use of interim reclamation to reduce disturbed area after drilling [1203.a.(9)].
 - Post drilling operations, Energen reclaims the well pad and access road back to a minimum area of disturbance, therefore leaving only necessary operational areas disturbed.
 - Energen Resources Corporation strives to re-vegetate with seed mixtures that are of the surface owner's preference and are also a benefit to wildlife. Attached is list of seed mixtures from the Colorado Department of Wildlife and will be used in discussions with the surface owner prior to reseeding for interim and final reclamation.
- Use of weed management and control measures to keep disturbed areas as free of all undesirable plant species designated to be noxious weeds as practicable [1003.f].
 - Preventing the spread of noxious weeds protects the productivity of adjacent wildlife habitats for a variety of species.

The implementation these operational practices create an overall diminished impact to wildlife.