

ABSTRACT- Lewicki Raton Basin Coal Mine Feature Inventory

Greg Lewicki and Associates (Lewicki) conducted an inventory of coal mines and related features in the Colorado portion of the Raton Basin. The Colorado portion of the Raton Basin extends from the Colorado/New Mexico border near Trinidad to approximately 8 miles northwest of Walsenburg. It is bound on the east by a small isolated mine and outcrop approximately 12 miles southeast of Trinidad and on the west by a group of mines 8 to 9 miles west of La Veta, Colorado. The Colorado portion of the Raton Basin is primarily within Huerfano and Las Animas Counties.

The *Lewicki 2001 Raton Basin Mine Inventory* was created for the Colorado Oil and Gas Conservation Commission (COGCC). The coal seams of this area have been known, since the inception of mining, to contain large amounts of methane gas. Gas explosions occurred frequently in the mines during the most active mining period from 1890 to 1940. The inventory included: underground mine boundaries, coal related drill holes, and portals or other mine-related features that may emit methane gas. This inventory location data can be used to identify potential sources of methane gas at the surface. The digitized features are shown below (Figure from Gorody 2003).

