



# OSMRE

## Colowyo Mine

### South Taylor/Lower Wilson EA

### Surface Mining Process



Electric Shovel, Colowyo Coal Mine

- Construct structures to control runoff and protect surface and ground water quality.
- Remove topsoil from planned disturbance areas – stock-piled for reclamation.
- Construct haul and access roads, and power and water lines.
- Break up overburden by using explosives.

- Remove overburden with an electric shovel, dragline, excavator or front end loader.
- Haul overburden to permanent and temporary out-of-pit spoil or mined-out pit areas for storage.
- Remove any remaining rock from coal seams as it is exposed.
- Break up coal by ripping with a dozer or using explosives.



Active Surface Mine Pit, Colowyo Coal Mine

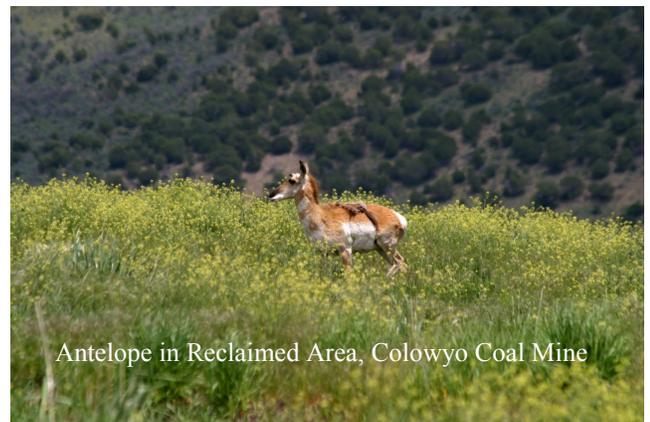
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Front End Loader, Colowyo Coal Mine

- Load coal into trucks with a front end loader and transport to the primary crusher.
- Load and transport crushed coal to the existing Gossard rail load-out.

- Load railcars and ship coal to market.
- Conduct reclamation as soon as possible after coal is removed.



Antelope in Reclaimed Area, Colowyo Coal Mine