

Task 2 Report for the Powder River Basin Coal Review Past and Present and Reasonably Foreseeable Development Activities



Prepared for

**Bureau of Land Management
Casper Field Office
and
Wyoming State Office**

Submitted by

**ENSR Corporation
Fort Collins, Colorado**

**October 2005
(Revised)**

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ACRONYMS AND ABBREVIATIONS

APD	Application for Permit to Drill
API	American Petroleum Institute
AQD	Air Quality Divisions
ARI	Advanced Resources, International
BACT	Best Available Control Technology
bbls	barrels
BCF	Billion cubic feet
BLM	Bureau of Land Management
BNSF	Burlington Northern and Santa Fe Railroad
BOE	barrels of oil equivalent
CANDO	Converse Area New Development Organization
CBNG	coal bed natural gas
CCEDC	Campbell County Economic Development Corporation
CO ₂	carbon dioxide
DM&E	Dakota, Minnesota, & Eastern
EA	environmental assessment
EIS	environmental impact statement
EOR	enhanced oil recovery
FERC	Federal Energy Regulatory Commission
FS	U.S. Department of Agriculture, Forest Service
GDP	gross domestic product
GIS	Geographical Information System
I	Interstate
lb/MMBtu	Pounds per million British thermal unit
LBA	Lease by Application
LQD	Land Quality Division
Mcf	thousand cubic feet
MDEQ	Montana Department of Environmental Quality
MMbtus	million British thermal units
MMcf	million cubic feet
MMcfpd	million cubic feet per day
mmtpy	million tons per year
MSHA	Mine Safety and Health Administration
MW	megawatts
MWH	Montgomery Watson Harza
NEPA	National Environmental Policy Act
NO _x	oxides of nitrogen
P&A	plugged and abandoned
P&M	Pittsburg and Midway Coal Mining Company
PM ₁₀	particulate matter with an aerodynamic diameter of 10 microns or less
PM _{2.5}	particulate matter with an aerodynamic diameter of 2.5 microns or less
PRB	Powder River Basin
PRRCT	Powder River Regional Coal Team
PSO	Public Service Company of Oklahoma
RFD	reasonably foreseeable development
RMG	Reservoir Management Group

Acronyms and Abbreviations

RMP	Resource Management Plan
SO _x	sulfur oxides
SR	State Route
STB	U.S. Surface Transportation Board
STIP	State Transportation Improvement Program
TBNG	Thunder Basin National Grasslands
Tcf	trillion cubic feet
TRRC	Tongue River Rail Company
U.S.	United States
UP	Union Pacific
USDOE	U.S. Department of Energy
USEPA	U.S. Environmental Protection Agency
USGS	U. S. Geological Survey
WDEQ	Wyoming Department of Environmental Quality
WOGCC	Wyoming Oil and Gas Conservation Commission
WSFC	Wyoming School Facilities Commission
WYDOT	Wyoming Department of Transportation