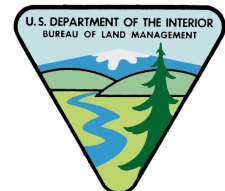


**Environmental Assessment
Oil and Gas Leasing
Buffalo Field Office
070-05-064**

Bureau of Land Management
Wyoming State Office



August 2005

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Acronyms and Abbreviations used in this EIS

ADT	Average Daily Traffic
AMSL	Above Mean Sea Level
APD	Application for Permit to Drill
bcf	Billion Cubic Feet
BFO	Buffalo Field Office
BLM	U.S. Department of Interior, Bureau of Land Management
BMP	Best Management Practices
CAPS	Cooperative Agricultural Pest Survey
CBNG	Coal Bed Natural Gas
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
cfs	Cubic Feet per Second
CO	Carbon Monoxide
COA	Conditions of Approval
COE	U.S. Army Corps of Engineers
CSU	Controlled Surface Use
CWA	Clean Water Act
dBA	Decibels on the A-weighted Scale
dV	Deciview
EA	Environmental Assessment
EC	Electrical Conductivity
EIS	Environmental Impact Statement
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
ET	Evapotranspiration
°F	Degrees Fahrenheit
FAR	Federal Airport Regulation
FCSMA	Fortification Creek Special Management Agency
FLPMA	Federal Land Policy and Management Act
FS	U.S. Department of Agriculture, Forest Service
GAP	Gap Analysis Project
GIS	Geographic Information System
gpm	Gallons per Minute
HAP	Hazardous Air Pollutant
LAD	Land Application Disposal
LN	Lease Notices
LRMP	Land and Resource Management Plan
µeq/L	Milliequivalents per Liter
µg/L	Micrograms per Liter
µg/m ³	Micrograms per Cubic Meter
µhmos/cm	Microhmos per Centimeter
MBbl	Thousand Barrels
mcf	Thousand Cubic Feet
mgd	Million gallons per day
mg/L	Milligrams per Liter
mmcf	Million Cubic Feet
mmhos/cm	Microhmos per centimeter
MMRP	Mitigation, Monitoring, and Reporting Plan
MOC	Memorandum of Cooperation

NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NRHP	National Register of Historic Places
NISC	National Invasive Species Council
NL	No Lease
NO _x	Oxides of Nitrogen
NOAA	National Oceanic and Atmospheric Administration
NOI	Notice of Intent
NOS	Notice of Staking
NPDES	National Pollutant Discharge Elimination System
NRCS	National Resource and Conservation Service
NRHP	National Register of Historic Places
NSO	No Surface Occupancy
ORV	Off-road Vehicle
PM ₁₀	Inhalable Particulate Matter less than 10 microns in effective diameter
PM _{2.5}	Fine Particulate Matter less than 2.5 microns in effective diameter
POD	Plan of Development
ppm	Parts per Million
PRB	Powder River Basin
PSD	Prevention of Significant Deterioration
psi	Pounds per Square Inch
R&PP	Recreation and Public Purpose
RA	Recreation Area
RFD	Reasonably Foreseeable Development
RFFA	Reasonable Foreseeable Future Actions
RMP	Resource Management Plan
ROD	Record of Decision
ROS	Recreational Opportunity Spectrum
SAR	Sodium Adsorption Ratio
SHPO	State Historic Preservation Office
SIO	Scenic Integrity Objectives
SMA	Special Management Area <i>or</i> Surface Management Agency
SLT	Standard Lease Terms
SO _x	Sulfur Dioxide
SPCC	Spill Prevention Control and Countermeasures
SUP	Special Use Permit
SUPO	Surface Use Plan of Operations
SWPPP	Storm Water Pollution Prevention Plan
TBNG	Thunder Basin National Grassland
tcf	Trillion Cubic Feet
TCP	Traditional Cultural Properties
TDS	Total Dissolved Solids
TL	Timing Limitation
TMDL	Total Maximum Daily Load
TSS	Total Suspended Solids
USC	United States Code
USFWS	U.S. Department of Interior, Fish and Wildlife Service
USGS	U.S. Department of the Interior, Geological Survey
VQO	Visual Quality Objective
VRM	Visual Resource Management

WAAQS	Wyoming Ambient Air Quality Standards
WDEQ	Wyoming Department of Environmental Quality
WDOE	Wyoming Department of Employment
WDOT	Wyoming Department of Transportation
WGFD	Wyoming Game and Fish Department
WOGCC	Wyoming Oil and Gas Conservation Commission
WSA	Wild and Scenic Area <i>or</i> Wilderness Study Area
WSEO	Wyoming State Engineer's Office
WSR	Wild and Scenic River
WWRDS	Wyoming Water Resources Data System