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Bureau of Land Management

Environmental Assessment
DOI-BLM-WY-R010-2010-0010-EA

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Previously Sold Lease Parcels
June 2008-May 2010

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Affected Resources EA Checklist

Bureau of Land Management, Worland Field Office
DOI-BLM-WY-R010-2010-0010-EA
June 2008 thru May 2010 Lease Issuance for the Worland Field Office

Determination	Resource	Rationale for Determination
PI	Air Quality	No affects associated with leasing. Affects from surface disturbing activities was analyzed in the Grass Creek RMP/FEIS (Table 16 pg 154) And in the Washakie RMP/FEIS (DEIS pg 110 and Appendix J pg 198). New information about current air quality in the Bighorn Basin is available.
NP	Areas of Critical Environmental Concern	
NP	BLM Natural Areas	
NI	Cultural Resources	Affects from surface disturbing activities was analyzed in the Grass Creek RMP/FEIS with appropriate mitigation measures attached to lease parcels(Table 16 pg 154; ROD Appendix 3) And in the Washakie RMP/FEIS (DEIS Appendix J pg 205)
PI	Greenhouse Gas Emissions	No direct greenhouse gas emissions associated with leasing. New information on greenhouse gas emissions available.
NP	Environmental Justice	
NP	Farmlands (Prime or Unique)	
NI	Fish and Wildlife Excluding Federally Listed Species	Affects from surface disturbing activities was analyzed in the Grass Creek RMP/FEIS with appropriate mitigation measures attached to lease parcels(Table 16 pg 161-163; ROD Appendix 3) And in the Washakie RMP/FEIS (DEIS 115, Appendix J pg 208)
NP	Floodplains	
NP	Fuels/Fire Management	
NI	Geology/Mineral Resources/Energy Production	Affects from surface disturbing activities was analyzed in the Grass Creek RMP/FEIS with appropriate mitigation measures attached to lease parcels(Table 16 pg 161-163; ROD Appendix 3) And in the Washakie RMP/FEIS (DEIS pg 110 Appendix J pg 198)
NI	Hydrologic Conditions	Affects from surface disturbing activities was analyzed in the Grass Creek RMP/FEIS with appropriate mitigation measures attached to lease parcels(Table 16 pg 168) And in the Washakie RMP/FEIS (DEIS pg 112; Appendix J pg 201)
NI	Invasive Species/Noxious Weeds	The Worland Field Office, operates under INPS protocols as set forth in the following documents: Vegetation Treatment on BLM Lands in the Seventeen Western States FEIS and ROD (2007); Management Plan for Invasive Weeds in the Bighorn Basin of Wyoming (WY-010-EA4-34), Executive Order 13112-1999 provides guidance to federal agencies involving INPS; Cooperative agreements with weed and pest control districts: KA051028 (Big Horn County), KAA051027 (Washakie County), AA051026 (Park County) and KAA051029 (Hot Springs County).
NI	Lands/Access	Affects from surface disturbing activities was analyzed in the Grass Creek RMP/FEIS with appropriate mitigation measures attached to lease parcels(Table 16 pg 158, 162-163) And in the Washakie RMP/FEIS (DEIS pg 118)
NI	Livestock Grazing	Affects from surface disturbing activities was analyzed in the Grass Creek RMP/FEIS with appropriate mitigation measures attached to lease parcels(Table 16 pg 168) And in the Washakie RMP/FEIS (DEIS pg 112; Appendix J pg 201)
NI	Migratory Birds	The act of the proposed action (leasing) would have no affect on this resource. Site specific NEPA for proposed surface disturbing activities would further analyze affects and mitigation applied in compliance with the Migratory Bird Species-Interim Management Guidance Policy (included within Instruction Memorandum No. 2008-050)
NI	Native American Religious Concerns	Affects from surface disturbing activities was analyzed in the Grass Creek RMP/FEIS with appropriate mitigation measures attached to lease parcels(Table 16 pg 154; ROD Appendix 3); And in the Washakie RMP/FEIS (DEIS Appendix

		J pg 205)
NI	Paleontology	The act of the proposed action (leasing) would have no affect on this resource. Impacts from surface disturbing activities was analyzed in the Grass Creek RMP/FEIS (Table 16pg 154); And in Washakie RMP/FEIS (DEIS pg94)
NP	Rangeland Health Standards	
NI	Recreation	Affects from surface disturbing activities was analyzed in the Grass Creek RMP/FEIS with appropriate mitigation measures attached to lease parcels(Table 16 pg 154; ROD Appendix 3) And in the Washakie RMP/FEIS (DEIS Appendix J pg 205)
PI	Socio-Economics	Socioeconomic data was updated, and analysis based on more recent information is provided.
NI	Soils	Affects from surface disturbing activities was analyzed in the Grass Creek RMP/FEIS with appropriate mitigation measures attached to lease parcels(Table 16; ROD Appendix 3) And in Washakie RMP/FEIS (DEIS Appendix J pg 198)
NP	Threatened, Endangered or Candidate Plant Species	
PI	Threatened, Endangered or Candidate Animal Species	Affects from surface disturbing activities was analyzed in the Grass Creek RMP/FEIS and in Washakie RMP/FEIS. New information and policy changes are discussed further in the EA.
NP	Wastes (hazardous or solid)	
NI	Water Resources/Quality (drinking/surface/ground)	Affects from surface disturbing activities was analyzed in the Grass Creek RMP/FEIS with appropriate mitigation measures attached to lease parcels(Table 16; ROD Appendix 3); And in Washakie RMP/FEIS (DEIS Appendix J pg 198)
NP	Wetlands/Riparian Zones	
NP	Wild and Scenic Rivers	
NP	Wilderness/WSA	
NP	Woodland/Forestry	
NI	Vegetation Excluding Federally Listed Species	Affects from surface disturbing activities was analyzed in the Grass Creek RMP/FEIS with appropriate mitigation measures attached to lease parcels (Table 16; ROD Appendix 3) And in Washakie RMP/FEIS (DEIS 113); In addition, based on site specific NEPA WY Reclamation Policy would be implemented if development were initiated.
NI	Visual Resources	Affects from development was analyzed in the Grass Creek RMP/FEIS with appropriate mitigation measures attached to lease parcels (Table 16; ROD Appendix 3) And in Washakie RMP/FEIS (DEIS 204); In addition the VRM BMPs would be implemented based on a site specific NEPA if development were initiated.
NP	Wild Horses and Burros	
PI	Areas with Wilderness Characteristics	Lands containing wilderness characteristics were analyzed, and the results contained in Appendix D.

DETERMINATION –

NP – not present in the area impacted by the proposed or alternative actions

NI – present, but adequately analyzed in RMP/FEIS for leasing actions

PI – present, not analyzed in RMP/FEIS or new information requires further analysis in the EA

BUREAU OF LAND MANAGEMENT
WORLAND FIELD OFFICE
ENVIRONMENTAL ASSESSMENT FOR
JUNE 2008 THRU MAY 2010 LEASE SALE ISSUANCE
DOI-BLM-WY-R010-2010-0010-EA

1.0 INTRODUCTION

It is the policy of the Bureau of Land Management (BLM) as derived from various laws, including the Mineral Leasing Act of 1920, as amended [30 U.S.C. 181 *et seq.*] and the Federal Land Policy and Management Act of 1976, to make mineral resources available for disposal and to encourage development of mineral resources to meet national, regional, and local needs.

As required under the Mineral Leasing Act and the Federal Onshore Oil and Gas Leasing Reform Act of 1987 (FOOGLRA), the BLM Wyoming State Office conducts a quarterly competitive lease sale to sell available oil and gas lease parcels. A Notice of Competitive Lease Sale, which lists lease parcels to be offered at the auction, is published by the BLM State Office at least 45 days before the auction is held. Lease stipulations applicable to each parcel are specified in the Sale Notice. The decision as to which public lands and minerals are open for leasing and what leasing stipulations may be necessary, based on information available at the time, is made during the land use planning process. Surface management of non-BLM administered land overlaying federal minerals is determined by BLM in consultation with the appropriate surface management agency or the private surface owner.

In the process of preparing a lease sale the BLM State Office sends a draft parcel list to each field office where the parcels are located. Field Office staff then review the legal descriptions of the parcels to determine if they are in areas open to leasing; if appropriate stipulations have been included; if new information has become available which might change any analysis conducted during the planning process; if appropriate consultations have been conducted, and if there are special resource conditions of which potential bidders should be made aware. Each Field Office confirms this review by preparing a Documentation of NEPA Adequacy (DNA) which supports BLM's decision that there have been no changed circumstances warranting further NEPA analysis. Once the draft parcel review and DNA is completed and returned to the State Office, a list of available lease parcels and stipulations is made available to the public through a Notice of Competitive Lease Sale (NCLS).

On rare occasions, additional information obtained after the publication of the NCLS, may result in withdrawal of certain parcels prior to the day of the lease sale.

From June 2008 through May 2010 a total of 163 individual parcels (213,111.40 acres) in the Worland Field Office were made available for sale. Of these, 136 parcels were sold and monies have been received. The remaining 27 parcels, containing 53,367.74 acres, are available through the non-competitive bidding process for a period of 2 years from the date of the sale. The following Environmental Assessment (EA) documents the Worland Field Office review of the 163 parcels that were offered and sold, but have not been issued during Competitive Oil and Gas Lease Sales conducted during the time from of June 2008 through May 2010. All parcels addressed in this EA are under the

administration of the Worland Field Office. It serves to verify conformance with the approved land use plan, addresses new information, and provides the rationale for issuing parcels sold during the aforementioned lease sales.

1.1 Purpose and Need

The purpose of this document is to analyze the impacts of issuing leases for parcels sold at several previous competitive oil and gas lease sales to allow private individuals or companies to explore for and develop oil and gas resources on public lands. The decision to offer parcels at previous competitive lease sales from June 2008 through May 2010 were supported by DNAs; however, given the passage of time and potential environmental issues that have arisen since those sales. BLM has prepared this EA to analyze whether it remains appropriate to issue leases for these parcels.

The sale and issuance of oil and gas leases is needed to meet the growing energy needs of the United States public. Wyoming is a major source of natural gas for heating and electrical energy production in the lower 48 states, especially for markets in the Eastern United States. Continued sale and issuance of lease parcels is necessary to maintain options for production as oil and gas companies seek new areas for production or attempt to develop previously inaccessible or uneconomical reserves.

1.2 Conformance with Applicable Land Use Plan and Other Environmental Assessments

Pursuant to 40 Code of Federal Regulations (CFR) 1508.28 and 1502.21, this environmental assessment (EA) tiers to and incorporates by reference the information and analysis contained in the Washakie Resource Management Plan and Final Environmental Impact Statement (1988), and the Grass Creek Resource Management Plan and Final Environmental Impact Statement. The Final Resource Management Plans were approved by a Record of Decision (ROD) signed September 1988 and September, 1998, respectively.

According to the Grass Creek RMP ROD, “the entire planning area (about 1,171,000 acres of BLM-administered mineral estate) is open to oil and gas leasing consideration. About 20,200 acres of BLM-administered mineral estate are open to leasing consideration with a “no surface occupancy” stipulation (See Glossary and Map 6). These lands identified for “no surface occupancy” are identical to the lands where BLM would pursue mineral withdrawals from operation of the 1872 Mining Law.) The rest of the planning area is subject to standard lease terms and conditions, and seasonal or other requirements. (See Appendix 3)”

According to the Washakie RMP ROD, approximately 11, 200 acres are closed to leasing in the Spanish Point Karst ACEC, 86,100 acres may be leased with “no surface occupancy” restrictions to protect important wildlife habitat, and cultural and recreation sites; approximately 985,600 acres are open to leasing with seasonal restriction to protect important wildlife habitat and 520,000 acres are available for leasing with other standard surface protection restrictions.

Both RMPs described specific stipulations that would be attached to new leases offered in certain areas.

1.3 Leasing:

Analysis as required by the National Environmental Policy Act (NEPA) of 1969, as amended (Public Law 91-90, USC 4321 *et seq*.) was conducted by Field Office resource specialists who relied on personal knowledge of the areas involved and/or reviewed existing databases and file information to determine if appropriate stipulations had been attached to specific parcels prior to being made available for lease.

It is unknown when, where or if future well sites or roads might be proposed. Detailed site specific analysis of individual wells or roads would occur when a lease holder submits an Application for Permit to Drill (APD).

Issuance of leases would not be in conflict with any local, county, or state plans.

The following DNA documents were prepared by the Worland Field Office in support of the decisions to offer the subject parcels for sale, and provide additional information on the site specific characteristics of each parcel:

Lease Sale	NEPA Documentation	Date Signed
June 2008 parcels	Documentation of NEPA Adequacy	2/1/2008
August 2008 parcels	Documentation of NEPA Adequacy	4/16/2008
October 2008 parcels	Documentation of NEPA Adequacy	6/6/08
December 2008 parcels	Documentation of NEPA Adequacy	8/14/08
February 2009 parcels	Documentation of NEPA Adequacy	9/25/08
April 2009 parcels	Documentation of NEPA Adequacy	11/21/08
June 2009 parcels	Documentation of NEPA Adequacy	2/10/2009
August 2009 parcels	Documentation of NEPA Adequacy	03/31/2009
October 2009 parcels	Documentation of NEPA Adequacy	06/01/2009
December 2009 parcels	Documentation of NEPA Adequacy	08/06/2009
February 2010 parcels	No parcels nominated	
May 2010 parcels	No parcels nominated	

1.4 Federal, State or Local Permits, Licenses or Other Consultation Requirements

Purchasers of oil and gas leases are required to obey all applicable federal, state, and local laws and regulations including obtaining all necessary permits required should lease development occur.

Worland Field Office endangered species specialists reviewed each parcel prior to them being offered for sale. They determined that leasing of all 163 parcels would be in compliance with threatened and endangered species management guidelines as there are no documented T&E species, or their habitats, located within the parcels. No further consultation with the U.S. Fish and Wildlife Service is required at this stage.

2.0 PROPOSED ACTIONS AND ALTERNATIVES

Through lease sales occurring from June 2008 through May 2010, a total of 163 lease parcels were offered for sale. Of these, 27 (53,367.74 acres) are still available through the non-competitive process ending June 2010, and all remaining leases (159,743.65 acres) have been sold but not issued. Of the 163 parcels, 92 are governed by the Washakie RMP and the remaining 71 are governed by the Grass Creek RMP.

2.1 Alternative A No Action:

The BLM NEPA Handbook (H-1790-1) states that for Environmental Assessments (EAs) on externally initiated proposed actions, the No Action Alternative generally means that the proposed action would not take place. In the case of a lease sale, this would mean that an expression of interest to lease (parcel nomination) would be denied or rejected, or if a parcel has been sold, a lease would not be issued for that parcel.

Under the No Action alternative, the BLM would not issue any of the 136 leases that have been sold, and would not offer for sale the remaining 27 leases that are open to non-competitive sale. Surface management would remain the same and ongoing oil and gas development would continue on surrounding federal, private, and state leases. The BLM would offer a choice to high bidders on parcels with the unissued leases. One option would be for the BLM to reject the high bidder's offer for a parcel and refund paid bonus bids, rents and filing fees. The other option would be where a high bidder chose to accept the lease issuance with any necessary additional stipulations. For purposes of analysis, the no action alternative assumes that high bidders would choose to cancel the purchase and accept the refund.

It is not expected that demand for energy oil and gas will go down, and a decision to not issue these leases would not prevent future leasing in these areas consistent with land use planning decisions, and subject to appropriate stipulations, identified in the Resource Management Plan. Therefore, it is anticipated that these parcels may be nominated and leased at a future date. While future leases may contain more restrictive lease terms, it is reasonable to consider that a substantial portion of the development possible under current planning decisions will be possible under future leases.

2.2 Alternative B Proposed Action:

The Proposed Action would be a recommendation to the State Director to issue 121 leases that have been sold for oil and gas development, or are still available noncompetitively, containing approximately 141,217.09 acres of federal minerals administered by the Worland Field Office. Standard terms and conditions as well as special stipulations would apply. Lease stipulations (as required by Title 43 Code of Federal Regulation 3131.3) were added to each parcel as identified by the Worland Field Office to address site specific concerns or new information not identified in the land use planning process.

Additionally, there would be a recommendation to the State Director to defer the issuance of 42 parcels containing approximately 68,939.80 acres.

The WFO is recommending that all 42 parcels be deferred from issuance until the Bighorn RMP can be completed as issuing leases for these parcels now may constrain potential management objectives currently under consideration in the RMP amendment process. Specifically 18 of these parcels, containing 26,439.71 acres, are recommended for deferral of issuance due to the potential that they may contain wilderness characteristics that need to be addressed in the RMP revision. Twenty four (24) parcels, containing 42,500.09 acres, are recommended for deferral pending completion of the Bighorn RMP to address Sage Grouse; specifically, these 24 parcels are located within WY Game and Fish Department identified Sage Grouse Core Areas (Version 3). Issuing leases for these 42 parcels now may constrain potential management objectives currently under consideration in the RMP amendment process. Once management direction has been specified and the Bighorn RMP finalized, additional stipulations may be attached with the High Bidder's mutual agreement. BLM may also determine that it will not issue leases for certain parcels, in which case BLM would refund the High Bidder's bonus bid, filing fees, and first year rentals. Four of the 42 parcels are recommended for deferral because of sage grouse and wilderness.

The entire list of all parcels addressed in this EA, with their stipulations, can be found in Appendix A. All parcels for Alternative B are listed in Appendix B with the parcel number, acreage, lease number, and purchase and deferral information.

Once sold, the lease purchaser has the right to use so much of the leased lands as is reasonably necessary to explore and drill for all of the oil and gas within the lease boundaries, subject to the stipulations attached to the lease (Title 43 Code of Federal Regulation 3101.1-4).

Oil and gas leases are issued for a 10-year period and continue for as long thereafter as oil or gas is produced in paying quantities. If a lessee fails to produce oil and gas, does not make annual rental payments, does not comply with the terms and conditions of the lease, or relinquishes the lease; ownership of the minerals leased revert back to the federal government and may be leased again.

Before a lease owner or operator conducts any surface disturbing activities on the lease, BLM must first approve and Application for Permit to Drill (APD) and a surface use plan specified in Title 43 Code of Federal Regulation 3162.

Surface use restrictions, including timing limitation stipulations (TLS), NSO stipulations, and controlled surface use (CSU) stipulations, as well as unavailable for leasing designations, cannot be retroactively applied to valid, existing oil and gas leases or to valid, existing use authorizations (e.g., Application for Permit to Drill [APD]). Post-lease actions/authorizations (e.g., APDs, road/pipeline ROWs), however, could be encumbered by TLS and CSU restrictions on a case-by-case basis, as required through project-specific NEPA analysis or other environmental review.

2.3 Alternative C Full Lease Issuance:

Under Alternative C, all 163 parcels would be issued leases containing the stipulations recommended at the time of offering as detailed in Appendix A.

3.0 Description of Affected Environment

This section describes the environment that would be affected by implementation of the alternatives described in Section 2. Aspects of the affected environment described in this section focus on relevant major resources and issues. Certain critical environmental components require analysis under BLM policy. Only those aspects of the affected environment that are potentially impacted are described in detail.

The proposed lease parcels are located in Park, Hot Springs, Big Horn, and Washakie Counties, Wyoming. This environmental assessment (EA) tiers to and incorporates by reference the information and analysis contained in the Washakie Resource Management Plan, September 1988 and the Grass Creek Resource Management Plan September 1998.

In addition to the air quality information in the RMPs cited above, new information about GHGs and their effects on national and global climate conditions has emerged since the RMPs were prepared. On-going scientific research has identified the potential impacts of GHG emissions such as carbon dioxide (CO2), methane (CH4), nitrous oxide (N2O), water vapor; and several trace gases on global climate. Through complex interactions on a global scale, GHG emissions cause a net warming effect of the atmosphere, primarily by decreasing the amount of heat energy radiated by the earth back into space. Although GHG levels have varied for millennia (along with corresponding variations in climatic conditions), industrialization and burning of fossil carbon sources have caused GHG concentrations to increase measurably, and may contribute to overall climatic changes.

This EA incorporates an analysis of the contributions of the proposed action to GHG emissions and a general discussion of potential impacts to climate.

3.1 Air Resources

Air quality and climate are the components of air resources, which include applications, activities, and management of the air resource. Therefore, the BLM must consider and analyze the potential effects of BLM and BLM-authorized activities on air resources as part of the planning and decision making process.

Air Quality

The U.S. Environmental Protection Agency (EPA) established air quality standards (NAAQS) for criteria pollutants. Criteria pollutants include carbon monoxide (CO), nitrogen dioxide (NO2), ozone (O3), particulate matter (PM10 and PM2.5), sulfur dioxide (SO2), and lead (Pb). Air pollutant concentrations greater than the NAAQS represent a risk to human health.

EPA has delegated regulation of air quality to the State of Wyoming and is administered by the Wyoming Department of Environmental Quality. Wyoming Ambient Air Quality Standards (WAAQS) and NAAQS identify maximum limits for concentrations of criteria air pollutants at all locations to which the public has access. The WAAQS and NAAQS are legally enforceable standards. Concentrations above the WAAQS and NAAQS represent a risk to human health that, by law, require public safeguards be implemented. State standards must be at least as protective of human health as federal standards, and may be more restrictive than federal standards, as allowed by the Clean Air Act.

The counties that lie within the jurisdictional boundaries of the Worland Field Office are classified as in attainment of all state and national ambient air quality standards as defined in the Clean Air Act of 1977, as amended. Modeling conducted to date by the WYDEQ does not indicate that air quality is likely to exceed any limits specified by the Clean Air Act in the near future.

Although various state and federal agencies monitor air pollutant concentrations, visibility, and atmospheric deposition throughout Wyoming, at present there are only two air quality monitors near the Worland Field Office boundaries; found in Park County. Table 3.1 lists the available air quality monitoring sites in the Bighorn Basin and relevant sites nearby. The Wyoming Department of Environmental Quality (DEQ) operates a PM10 monitor as part of the State and Local Monitoring Site (SLAMS) network in Cody, Wyoming (Park County). Additional SLAMS and Special Purpose Monitoring (SPM) sites operate in nearby counties. Nearby monitoring sites include several IMPROVE monitors and BLM administered sites that are part of the Wyoming Air Resource Monitoring System (WARMS). Atmospheric deposition (wet) measurements of ammonium, sulfate, and various metals are taken at the Sinks Canyon, South Pass and Yellowstone Park sites, which the BLM operates as part of the National Acid Deposition Program (NADP).

Table 3.1 Available Air Quality Monitoring Sites

County	Site Name	Type of Monitor	Parameter	Operating Schedule	Location	
					Longitude	Latitude
Park	Cody	SLAMS	PM_{10}	1/6	-109.073	44.532
	North Absaroka (managed by USFS)	IMPROVE	$PM_{2.5}$, NO_{3-}, Ammonium, Nitric Acid, Sulfate, Sulfur Dioxide & Meteorology	1/3	-109.382	44.745
Fremont	Lander	SLAMS	$PM_{2.5}$	1/3	-108.733	42.833
Campbell	Thunder Basin	SPM	Ozone, Nitrogen Oxides & Met	Hourly	-105.300	44.672
	Thunder Basin	IMPROVE	$PM_{2.5}$, NO_{3-}, Ammonium, Nitric Acid, Sulfate, Sulfur Dioxide & Meteorology	1/3	-105.287	44.663
Johnson	Buffalo	WARMS	$PM_{2.5}$, NO_{3-}, Ammonium, Nitric Acid, Sulfate, Sulfur Dioxide & Meteorology	1/3 ($PM_{2.5}$) & 1/7 (others)	-106.019	44.144
	Cloud Peak	IMPROVE	$PM_{2.5}$, NO_{3-}, Ammonium, Nitric Acid, Sulfate, Sulfur Dioxide & Meteorology	1/3	-106.956	44.333
Sheridan	Sheridan - Highland Park	SLAMS	PM_{10} & $PM_{2.5}$	1/3 (PM_{10}); 1/3 & 1/6 ($PM_{2.5}$)	-107.000	44.806
	Sheridan - Police Station	SLAMS	PM_{10} & $PM_{2.5}$	1/1 (PM_{10}) & 1/3 & 1/6 ($PM_{2.5}$)	-107.000	44.833
	Sheridan (managed by BLM)	WARMS	$PM_{2.5}$, NO_{3-}, Ammonium, Nitric Acid, Sulfate & Sulfur Dioxide	1/3 ($PM_{2.5}$) & 1/7 (others)	-106.847	44.933

Source: REF 6151; REF 6150; REF 6152; REF 6153; REF 6154; REF 6149
BLM Bureau of Land Management
IMPROVE Interagency Monitoring of Protected Visual Environments
NO_{3-} Nitrate
PM Particulate Matter
SLAMS State and Local Monitoring Site
SPM Special Purpose Monitoring
USFS United States Forest Service
WARMS Wyoming Air Resource Monitoring System

With only two air quality monitors in the Bighorn Basin (Cody/PM10 and North Absaroka/IMPROVE), it is difficult to accurately assess existing air quality conditions throughout the area. However, as noted above, air quality, visibility, and atmospheric deposition are monitored throughout Wyoming, including adjacent planning areas. Therefore, the BLM assessed recent air quality conditions in the Bighorn Basin by examining data collected at the two monitors in the area, supplemented by various monitors in

neighboring planning areas, as summarized in Table 3.2. The examination of these data indicates that the current air quality for criteria pollutants in the Bighorn Basin is considered good overall. Based on measurements in the area, visibility is considered excellent.

Table 3.2 Summary of Air Quality in the Big Horn Basin

Pollutant	Averaging Time	NAAQS			WAAQS			Representative Concentrations		
		(ppm)	(ppb)	($\mu g/m^3$)	(ppm)	(ppb)	($\mu g/m^3$)	(ppm)	(ppb)	($\mu g/m^3$)
Carbon Monoxide	1 hour[1]	35	35000	40,000	35	35000	40,000	1.7	1730	1,979
	8 hour[1]	9	9000	10,000	9	9000	10,000	0.8	814	931
Nitrogen Dioxide	Annual[2] (Arithmetic Mean)	0.053	53	100	0.053	53	100	0.002	2	3.4
Ozone	8 hour[3]	0.075	75	147	0.075	75	147	0.078	78	153
PM_{10}	24 hour[4]	N/A	N/A	150	N/A	N/A	150	N/A	N/A	91
$PM_{2.5}$	24 hour[5]	N/A	N/A	35	N/A	N/A	65	N/A	N/A	11.7
	Annual[6]	N/A	N/A	15	N/A	N/A	15	N/A	N/A	7.6
Sulfur Dioxide	24 hour[7]	0.140	140	365	0.099	99	260	0.001	0.57	1.48
	Annual[7] (Arithmetic Mean)	0.031	31	80	0.023	23	60	0.0003	0.25	0.66

[1]Not to be exceeded more than once per year. Data collected at Yellowstone National Park during 2005.
[2]Thunder Basin data, 2008.
[3]To attain this standard, the 3-year average of the fourth-highest daily maximum 8-hour average ozone concentrations measured at each monitor within an area over each year must not exceed 75 ppb. Measured fourth highest concentration for 2008 for the Thunder Basin site.
[4]Not to be exceeded more than once per year on average over 3 years. Maximum 24-hour average for 2008 at Cody SLAMS site.
[5]To attain this standard, the 3-year average of the 98th percentile of 24-hour concentrations at each population-oriented monitor in an area must not exceed 35 $\mu g/m^3$. Maximum 24-hour average for 2006 for the North Absaroka IMPROVE site.
[6]To attain this standard, the 3-year average of the weighted annual mean $PM_{2.5}$ concentrations from single or multiple community-oriented monitors must not exceed 15.0 $\mu g/m^3$. Annual average for 2008 for the Lander SLAMS site (waiting for new data from North Absaroka).
[7]Maximum 24-hour and annual averages for 2008 for the Sheridan WARMS site.

N/A	Not Applicable	PM_{10}	particulate matter less than 10 microns in diameter
NAAQS	National Ambient Air Quality Standards	$\mu g/m^3$	micrograms per cubic meter
WARMS	Wyoming Air Resource Monitoring System	ppm	parts per million
$PM_{2.5}$	particulate matter less than 2.5 microns in diameter	ppb	parts per billion
WAAQS	Wyoming Ambient Air Quality Standards		

Climate

The climate in the Resource Area is designated as a combination of Intermountain Semi-desert and Southern Rocky Mountain Steppe. The Bighorn Basin is bounded on the northeast by the Pryor Mountains, on the east by the Big Horn Mountains, on the south by Owl Creek and Bridger and Washakie Ranges, on the west by the Absaroka Mountains, and open to the north into Montana. Summers are generally hot and short, and winters long and cold. Precipitation is generally low, though greater at higher elevations, and is generally evenly distributed across the year, with the exception of the drier summer months. Wind speeds are variable and generally strong. Table 3.3 lists temperature, precipitation, and wind speed data for the Resource Area. This information is derived from daily ambient measurements for 1971 through 2000. The summer period covers June, July, and August; the winter period covers December, January, and February.

Table 3.3 Climate data for Worland

Climate Component	Worland, WY
Mean maximum summer temperatures (June, July, August)(degrees Fahrenheit)	81.3; 89.8, 88.6
Mean minimum winter temperatures (December, January, February)(degrees Fahrenheit)	6.0; 2.4; 9.9
Mean annual temperature)(degrees Fahrenheit)	44.9
Mean annual precipitation (inches)	8.03
Mean annual snowfall (inches)	16.0
Mean annual wind speed (miles per hour)	5.6
Prevailing wind direction	Northerly/southerly

Climate change refers to any significant change in measures of climate (e.g., temperature or precipitation) lasting for an extended period of time (decades or longer). Climate change may result from natural processes, such as changes in the sun's intensity; natural processes within the climate system (such as changes in ocean circulation); human activities that change the atmosphere's composition (such as burning fossil fuels) and the land surface (such as urbanization) (IPCC 2007).

Greenhouse gases that are included in the US Greenhouse Gas Inventory are: carbon dioxide (CO2), methane (CH4), nitrous oxide (N2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF6). CO2 and methane (CH4) are typically emitted from combustion activities or are directly emitted into the atmosphere. On-going scientific research has identified the potential impacts of greenhouse gas emissions (including CO2; CH4; nitrous oxide (N2O), water vapor; and several trace gasses) on global climate. Through complex interactions on at regional and global scales, these greenhouse gas emissions cause a net warming effect of the atmosphere (which making makes surface temperatures suitable for life on Earth), primarily by decreasing the amount of heat energy radiated by the Earth back into space. Although greenhouse gas levels have varied for millennia (along with corresponding variations in climatic conditions), recent industrialization and burning of fossil carbon sources have caused CO2 concentrations to increase dramatically, and are likely to contribute to overall climatic changes, typically referred to as global warming. Increasing CO2 concentrations also lead to preferential fertilization and growth of specific plant species.

Global mean surface temperatures have increased nearly 1.0°C (1.8°F) from 1890 to 2006 (Goddard Institute for Space Studies, 2007). However, observations and predictive models indicate that average temperature changes are likely to be greater in the Northern Hemisphere. Data indicates that northern latitudes (above 24° N) have exhibited temperature increases of nearly 1.2°C (2.1°F) since 1900, with nearly a 1.0°C (1.8°F) increase since 1970 alone. It also shows temperature and precipitation trends for the conterminous United States. For both parameters we see varying rates of change, but overall increases in both temperature and precipitation. Without additional meteorological monitoring systems, it is difficult to determine the spatial and temporal variability and change of climatic conditions, but increasing concentrations of greenhouse gases are likely to accelerate the rate of climate change.

In 2001, the Intergovernmental Panel on Climate Change indicated that by the year 2100, global average surface temperatures would increase 1.4 to 5.8°C (2.5 to 10.4°F) above 1990 levels. The National Academy of Sciences (2006) has confirmed these findings, but also indicated that there are uncertainties

regarding how climate change may affect different regions. Computer model predictions forecasts indicate that increases in temperature will not be evenly or equally distributed, but are likely to be accentuated at higher latitudes. Warming during the winter months is expected to be greater than during the summer, and increases in daily minimum temperatures is more likely than increases in daily maximum temperatures.

Currently, the WDEQ-AQD does not have regulations regarding greenhouse gas emissions, although these emissions are regulated indirectly by various other regulations.

Some greenhouse gases such as carbon dioxide occur naturally and are emitted to the atmosphere through natural processes and human activities. Other greenhouse gases (e.g., fluorinated gases) are created and emitted solely through human activities. The primary greenhouse gases that enter the atmosphere as a result of anthropogenic activities include carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_20), and flourinated gases such as hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride. These synthetic gases are powerful GHGs that are emitted from a variety of industrial processes.

Ongoing scientific research has identified the potential impacts of anthropogenic greenhouse gas (GHG) emissions and changes in biological sequestration due to land management activities on global climate. Through complex interactions on a regional and global scale, these GHG emissions and net losses of biological carbon sinks cause a net warming effect of the atmosphere, primarily by decreasing the amount of heat energy radiated by the earth back into space. Although GHG levels have varied for millennia, recent industrialization and burning of fossil carbon sources have caused CO2 concentrations to increase dramatically, and are likely to contribute to overall global climatic changes. The Intergovernmental Panel on Climate Change (IPCC) recently concluded that "warming of the climate system is unequivocal" and "most of the observed increase in globally average temperatures since the mid-20th century is very likely due to the observed increase in anthropogenic greenhouse gas concentrations."

Several activities contribute to the phenomena of climate change, including emissions of GHGs (especially carbon dioxide and methane) from fossil fuel development, large wildfires and activities using combustion engines; changes to the natural carbon cycle; and changes to radiative forces and reflectivity (albedo). It is important to note that GHGs will have a sustained climatic impact over different temporal scales. For example, recent emissions of carbon dioxide can influence climate for 100 years. In contrast, black carbon is a relatively short-lived pollutant, as it remains in the atmosphere for only about a week. It is estimated that black carbon is the second greatest contributor to global warming behind CO_2 (Ramanathan and Carmichael, 2008).

The lack of scientific tools designed to predict climate change at regional or local scales limits the ability to quantify potential future impacts. However, potential impacts to air quality due to climate change are likely to be varied. Several activities occur within the planning area that may generate greenhouse gas emissions: oil, gas, and coal development, large fires, livestock grazing, and recreation using combustion engines which can potentially generate CO_2 and methane.

Some activities within the Planning Area generate greenhouse gas (GHG) emissions. Oil and gas development activities can generate carbon dioxide (CO2) and methane (CH4) . CO2 emissions result from the use of combustion engines, while methane can be released during processing. Wildland fires also

are a source of other GHG emissions, while livestock grazing is a source of methane. Other activities in the Resource Area with the potential to contribute to climate change include soil erosion from disturbed areas and fugitive dust from roads, which have the potential to darken snow-covered surfaces and cause faster snow melt. A description of the potential greenhouse gas emissions associated with the proposed leasing activities is included in Section 4.

Visibility

There are several National Parks, National Forests, recreation areas, and wilderness areas in or adjacent to the Big Horn Basin. Table 3.4 lists areas designated as Class I or Class II airsheds. National Parks, Monuments and some state designated Wilderness Areas are designated as Class I. The Clean Air Act "declares as a national goal the prevention of any future, and the remedying of any existing, impairment of visibility in mandatory Class I Federal areas . . . from manmade air pollution." 42 U.S.C. § 7491(a)(1).25. Under the BLM Manual Section 8560.36, BLM lands, including wilderness areas not designated as Class I, are managed as Class II, which provides that moderate deterioration of air quality associated with industrial and population growth may occur.

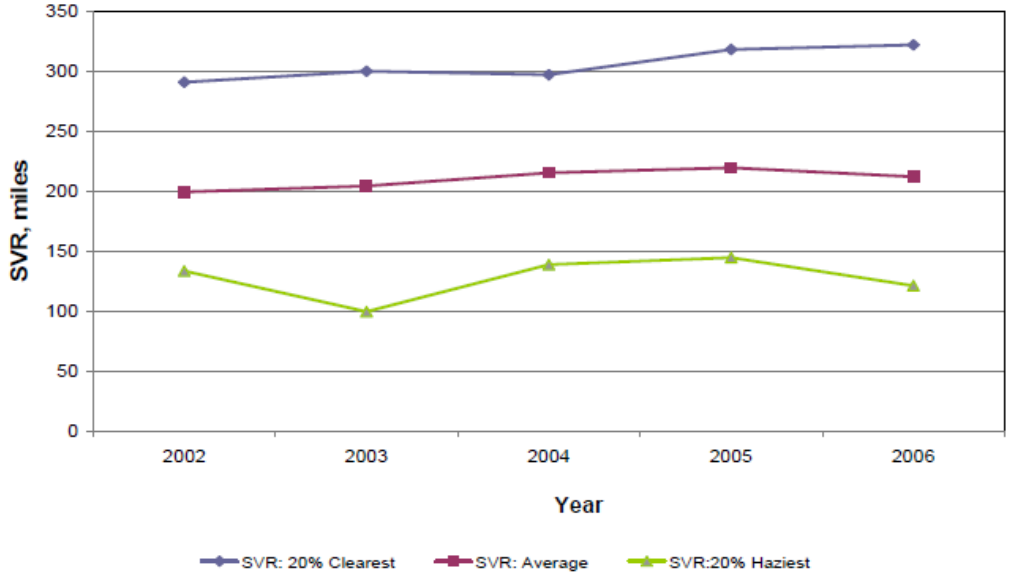
Table 3.4 Class I or Class II areas

Area Type	Area Name	Closest Distance to the Big Horn Basin (miles)	Direction from the Big Horn Basin	Clean Air Act Status of the Area
National Park	Wind Cave National Park	200	East	Class I
	Yellowstone National Park	Adjacent	West	Class I
Recreation Area	Bighorn Canyon National Recreation Area	In		Class II
Wilderness Area	Cloud Peak Wilderness Area	In		Class II
	North Absaroka Wilderness Area	In		Class I
	Washakie Wilderness Area	In		Class I
	Fitzpatrick Wilderness Area	30	Southwest	Class I
	Popo Agie Wilderness Area	50	South	Class II
	Bridger Wilderness Area	35	Southwest	Class I
	Teton Wilderness Area	Adjacent	Southeast	Class II
National Forest	Bighorn National Forest	In		Class II
	Thunder Basin National Grassland	75	East	Class II

Estimates of visibility in the Big Horn Basin are primarily derived from air quality and meteorological measurements taken at the North Absaroka IMPROVE site. To supplement these measurements, the BLM used recent data collected at the nearby Cloud Peak IMPROVE monitor to assess regional visibility conditions.

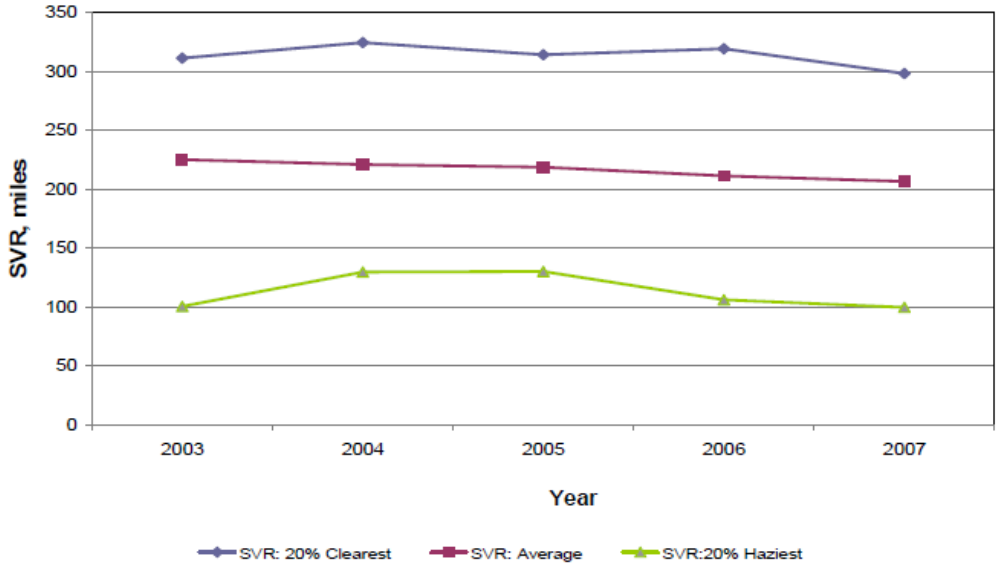
Figure 3.2 shows visibility estimates for the North Absaroka site for 2002 through 2006. The data indicate excellent visibility conditions, with no real trends in this limited period. Figure 3.3 shows visibility data for the Cloud Peak IMPROVE site for 2003 through 2007. The data for the Cloud Peak site are consistent with the North Absaroka site, reflecting excellent visibility conditions.

Figure 3.2 Annual Visibility (SVR) for the North Absaroka IMPROVE site



Source: REF 6152
IMPROVE Interagency Monitoring of Protected Visual Environments
SVR standard visual range

Figure 3.3 Annual Visibility (SVR) for the Cloud Peak IMPROVE site



Source: REF 6152
IMPROVE Interagency Monitoring of Protected Visual Environments
SVR standard visual range

3.2 Wildlife

Special Status Species

Section 7 of the ESA requires that BLM land managers ensure that any action authorized, funded, or carried out by the BLM is not likely to jeopardize the continued existence of any threatened or endangered species and that it avoids any appreciable reduction in the likelihood of recovery of affected species. Consultation is required on any action proposed by the BLM or another federal agency that affects a listed species or that jeopardizes or modifies critical habitat.

The BLM's Special Status Species Policy outlined in BLM Manual 6840 is to conserve listed species and the ecosystems on which they depend and to ensure that actions authorized or carried out by BLM are consistent with the conservation needs of special status species and do not contribute to the need to list any of these species. The BLM's policy is intended to ensure the survival of those plants that are rare or uncommon, either because they are restricted to specific uncommon habitat or because they may be in jeopardy due to human or other actions.

By BLM policy, species proposed for federal listing are to be managed with the same level of protection provided for threatened and endangered species. The policy for federal candidate species and BLM sensitive species is to ensure that no action that requires federal approval should contribute to the need to list a species as threatened or endangered.

Other management direction is based on RMP management objectives, activity level plans, and other aquatic habitat and fisheries management direction, including 50 CFR 17, the Land Use Planning Handbook, Appendix C, Part E, Fish and Wildlife.

The current RMPs have evaluated the need to protect habitat necessary for the success of species identified through these regulations and policies. New information regarding the status of the Greater Sage-grouse has elevated its status from a BLM sensitive species to a federal candidate species. Policy was issued by the Wyoming BLM in December, 2009 under Information Memoranda 2010-012 and 2010-013; additional policy was issued by the Washington Office BLM under Information Memoranda 2010-071.

The greater sage-grouse is a candidate species for listing under provisions of the ESA as determined by the USFWS and documented in a March 5, 2010 Federal Register notice declaring that listing of the Greater Sage Grouse was warranted but precluded. Greater sage-grouse are distributed in sagebrush habitat throughout the Bighorn Basin, where habitat fragmentation and degradation has not reduced habitat to unsuitable. Greater sage-grouse leks are generally at mid elevations within sagebrush habitat. Nesting and brood-rearing habitat is sometimes associated with the lek and sometimes found at a distance from the lek in sagebrush habitat. These remaining suitable sagebrush habitat areas could be productive for greater sage-grouse; however, fragmentation and degradation might limit the distribution and abundance of greater sage-grouse. The WGFD has identified core areas, which represent these relatively productive areas, and has suggested special management for these areas. In mid July, 2010, the WY Game and Fish Department also released Version 3 of their Sage Grouse Core Area boundaries. All parcels have been screened against this version. Specific information regarding each parcel can be found in Appendix B.

There are many sources of habitat fragmentation, all of which may affect the greater sage-grouse. Industrial development, livestock and wildlife grazing, mining, gravel pit operations, oil and gas activity, land exchanges and disposal, vegetation manipulation, fuel reduction projects and other activities may cause an artificial component to a natural habitat condition. Structures such as powerlines and towers and industrial disruptive activities may cause avoidance and abandonment of habitat. Livestock grazing, fuels treatments, and weed spread infestations are factors which may cause habitat degradation depending upon severity, intensity, and design. West Nile virus, which recently has had lethal effects on greater sage-grouse in parts of Wyoming, could become an important factor in greater sage-grouse survival. There has been little research to document the presence of the virus and its effect on greater sage-grouse in the Bighorn Basin.

Greater sage-grouse have been declining across the west, which has prompted several petitions to list them as threatened under the ESA, including a recent petition that led to the March 5, 2010 finding by the USFWS of warranted for listing but precluded. Population levels throughout the Resource area declined during the mid 1990s. Since 2004, the levels have maintained or slightly increased. It is thought this resurgence was a result of well-timed precipitation events. These precipitation events promoted forage growth, which aided the survival of young. Population growth has varied throughout the Resource area based on specific local conditions, with some areas showing little change; other areas have had a recent increase in lek count numbers. With recent improvement in spring and summer conditions in many parts of the Bighorn Basin, there are some greater sage-grouse leks that have become active again after many years of non-use. Winter conditions generally are not a limiting factor in the Bighorn Basin because snow depths are not as severe as in other parts of Wyoming.

3.3 Lands with Wilderness Characteristics

As part of the current planning effort, the BLM performed an inventory of lands in the Resource area in 2009 to determine if any BLM-administered lands had wilderness characteristics. Wilderness characteristics are resource values that include naturalness, outstanding opportunities for solitude, and outstanding opportunities for primitive and unconfined recreation. Areas evaluated for wilderness characteristics generally occur in undeveloped locations of sufficient size (approximately 5,000 acres) to be practical to manage for these characteristics. Smaller areas are considered if they are contiguous with designated Wilderness or WSAs, or in rare circumstances, are of a manageable size in accordance with FLPMA.

The BLM Land Use Planning Handbook (H-1601-1) states that the BLM must consider the management of lands with wilderness characteristics during the land use planning process. The criteria used to identify these lands are essentially the same criteria used for determining wilderness characteristics for WSAs. However, the authority set forth in Section 603(a) of FLPMA to complete the three-part wilderness review process (inventory, study, and report to Congress) expired on October 21, 1993; therefore, FLPMA does not apply to new WSA proposals and consideration of new WSA proposals on BLM-administered public lands is no longer valid. The BLM is still required to inventory lands to determine whether they possess wilderness characteristics.

As the basis for the 2009 inventory, the BLM reviewed comments made during public scoping for the Bighorn Basin RMP revision, and recommendations developed during an internal review of multiple-use lands in the Resource area. In addition, the lands considered included areas recommended as part of the "Wilderness at Risk: Citizens' Wilderness Proposal for Wyoming BLM-administered Lands" submitted to the BLM by the Wyoming Wilderness Association in February 2004. The Citizens' Wilderness Proposal promoted the designation of approximately 1.1 million acres of BLM-administered lands for wilderness statewide, of which approximately 283,709 acres are in the Resource area. In addition to the Citizens' Wilderness Proposal, the BLM considered a Biodiversity Conservation Alliance proposal for a formal wilderness inventory of lands in the McCullough Peaks area.

The BLM analyzed the areas with potential for wilderness characteristics to determine which, if any, lands met the definition. As part of the analysis, the BLM evaluated whether the areas were of a sufficient size, were in a natural condition, possessed outstanding opportunities for solitude, and presented opportunities for primitive and unconfined recreation; the inventory identified 52 areas in the Resource area. The final evaluation forms are available for public review at the WFO.

At present, the BLM manages these lands in accordance with the current RMPs; no specific management has been developed for these areas.

3.4 Socioeconomic Resources

Table 3.41 shows changes in population for each county between 1970 and 2005. Park was the fastest-growing county, increasing its population by one-half since 1970 (a pace comparable to the state and the United States); the next fastest-growing county was Big Horn, which increased by ten percent from 1970 to 2005. Hot Springs County shrank in population by almost ten percent.

Table 3.4.1: Population by County, 1970-2005

Area	Population in 1970	Population in 2005	Change 1970-2005	Average Annual Change 1970-2005
Big Horn County	10,264	11,325	10%	0.3%
Hot Springs County	5,023	4,568	-9%	-0.3%
Park County	17,805	26,723	50%	1.2%
Washakie County	7,557	7,914	5%	0.1%
Wyoming	333,795	506,541	52%	1.2%
United States	203,798,722	295,895,897	45%	1.1%

Sources: Headwaters Economics 2007a, 2007b, 2007c, 2007d; BEA 2008

Table 3.4.2 shows average income per capita for each of the counties in the Resource area, along with the median value for all counties in the United States (i.e., the point at which half the counties in the United States have a higher per capita income and half have a lower per capita income). The table shows that in year 2005, Hot Springs, Park, and Washakie Counties had a higher per capita income than the median value for United States counties, while Big Horn County has a slightly lower per capita income value. Average earnings per job for the four counties in 2005 were comparable to the United States median value except in Hot Springs County, which had a lower value than the national median. In 1999, median household income (the point at which half the households in the county had a higher income and half had a lower income) was highest in Park County and lowest in Hot Springs County.

Table 3.4.2: Average and Median Income; Average Earnings Per Job

Area	Per Capita Income (2005)	Average Earnings Per Job (2005)	Median Household Income (1999)
Hot Springs County	$31,763	$26,830	$29,888
Washakie County	$35,125	$31,401	$34,943
Median of United States counties1	$26,371	$30,269	n/a

Source: Headwaters Economics 2007a, 2007b, 2007c, 2007d.

1. Represents the median for all counties in the United States (not the median value for the United States as a whole). Lost Revenue

The top three rows of Table 3.43 show total personal income; the percent of total income derived from dividends, interest, and rent; and earnings by place of work (which includes wages, salaries, and proprietors' income), in 2006. This portion of the table shows that Park County had the highest total income and the highest work-related income. It should also be noted that Park is also the most populous county, with more residents than the other three counties combined (see the Social Conditions section).

The main portion of Table 3.4.3 shows the percentage of work-related earnings by industry sector in 2006 (the most recent year for which data are available). BEA categories do not break out recreation-related income specifically. Income from hunting-and fishing-based recreation would be included in several table categories, such as retail trade and accommodation and food services. Mining and government are the largest contributors to earnings by place of work. Mining was the largest contributor in Big Horn and Hot Springs Counties, contributing about a third of earnings in each. Mining was also the second-largest contributor in Washakie County (second only to government) and the third-largest in Park County (behind government and construction). It is important to note that government revenues and earnings from government employment depend on tax revenues from basic sectors. In other words, a reduction in economic activity in sectors such as mining, manufacturing, construction, wholesale and retail trade, services, etc. would likely result in reduced earnings from people working in the government sector. But it should be noted that this principle is likely to apply more for local government employees than federal or even state employees, since federal and state governments have a broader tax base than local governments.

It is also important to note that the United States Bureau of Economic Analysis (BEA) does not disclose data for some sectors where there are three or fewer employers in a sector in a given geographic area, for confidentiality reasons. In Table 3.4.3, these nondisclosures affect available information on agricultural services and forestry and fishing activities in Hot Springs and Washakie Counties, as well as available information on several other sectors, as indicated in the table notes.

Table 3.4.3: Personal Income and Earnings by Place of Work, 2006

Item / Sector	Big Horn County	Hot Springs County	Park County	Washakie County	Wyoming	United States
Total personal income ($ million)	$297	$157	$963	$300	$20,846	$10,968,393
Dividends, interest, and rent as a proportion of total personal income	13%	21%	26%	30%	23%	17%
Earnings by place of work ($ million)[1]	$228	$91	$636	$186	$15,221	$8,432,719
Percent of total earnings by place of work (by sector)						
Farming, fishing, logging, and related activities[2]	2%	0%	2%	0%	1%	1%
Mining	34%	30%	10%	18%	19%	1%
Utilities	1%	n/a[3]	1%	n/a[3]	2%	1%
Construction	6%	4%	11%	7%	9%	7%
Manufacturing	4%	3%	4%	14%	5%	12%
Wholesale trade	3%	n/a[3]	2%	n/a[3]	4%	5%
Retail trade	n/a[3]	4%	9%	4%	6%	6%
Transportation and warehousing	4%	4%	3%	5%	5%	3%
Information	2%	1%	2%	2%	1%	4%
Finance and insurance	2%	3%	3%	3%	3%	8%
Real estate and rental and leasing	0%	1%	3%	2%	3%	2%

Professional and technical services	n/a[3]	3%	5%	3%	5%	10%
Management of companies and enterprises	n/a[3]	n/a[3]	0%	n/a[3]	1%	2%
Administrative and waste services	2%	n/a[3]	2%	n/a[3]	2%	4%
Educational services	0%	0%	0%	n/a[3]	0%	1%
Health care and social assistance	2%	10%	9%	n/a[3]	6%	9%
Arts, entertainment, and recreation	0%	3%	2%	0%	1%	1%
Accommodation and food services	n/a[3]	4%	5%	2%	4%	3%
Other services, except public administration	2%	2%	2%	2%	3%	3%
Government and government enterprises	27%	25%	26%	21%	22%	16%
Categories for which data were not disclosed	9%	3%	0%	17%	0%	0%

Source: BEA 2008; n/a = Not available.

1. Earnings by place of work differs from total personal income by the exclusion of dividends, interest, and rent, as well as adjustments to account for net transfer payments (e.g., unemployment benefits and Social Security taxes and payments) and the residential adjustment (see Table G for details).
2. "Related activities" includes agricultural services (e.g., custom tillage), fishing, and logging. However, note that earnings data for related activities were not disclosed (see note 3) for the counties of Big Horn, Hot Springs, or Washakie.
3. Data were not disclosed due to confidentiality reasons (BEA does not report data when there are three or fewer employers in a sector). The line item "Categories for which data were not disclosed" shows the total income attributable to these categories for each county.

4.0 ENVIRONMENTAL EFFECTS

4.1 Air Resources

Alternative A: No Action

Under the no action alternative, the monies received from those previously sold parcels where leases were not issued, would be refunded and no development would occur. Due to demand for oil and gas, it is expected that these parcels may be re-nominated in the future, consistent with appropriate land use planning decisions, and would be offered for sale with additional stipulations. There is no way to accurately predict what level of restrictions future leasing may require, but it can be assumed that a substantial portion of the development that would have been authorized under the leases currently sold would still be permitted under future leases. Nominations of parcels for lease under future land use plans and decisions would be screened for consistency with the land use plan in effect at the time, and the appropriate environmental analysis would be conducted to determine associated air quality impacts. Impacts to air quality from leases issued from any future sales would be analyzed in the appropriate environmental documents for those sales. Analysis of air quality impacts is also required at the time an application for a permit to drill is submitted.

A decision to not issue leases for any of the 163 parcels would support continued current uses of these parcels. These uses are primarily associated with grazing, with some dispersed recreation such as hunting and hiking. These uses typically entail vehicle travel for access, and would be expected to continue at current rates.

Alternative B: Proposed Action

Issuing leases for the subject tracts would have no direct impacts to air quality. Any potential effects to air quality would occur if and when the leases were developed. Over the last 10 years, the leasing of Federal oil and gas mineral estate in the Worland Field Office has resulted in an average total of 30 wells drilled on federal leases annually. These wells would contribute a small percentage of the total emissions (including GHG's) from oil and gas activities in Wyoming.

Potential impacts of development could include increased air borne soil particles associated with the construction of new well pads, pipelines, or roads, exhaust emissions from drilling equipment, compressors, vehicles, and dehydration and separation facilities, as well as potential releases of GHG and volatile organic compounds during drilling or production activities. The amount of increased emissions cannot be quantified at this time since it is unknown how many wells might be drilled, the types of equipment needed if a well were to be completed successfully (e.g. compressor, separator, dehydrator), or what technologies may be employed by a given company for drilling any new wells. The degree of impact will also vary according to the characteristics of the geologic formations from which production occurs. Emissions of all regulated pollutants (including GHGs) and their impacts will be quantified and evaluated at the time that a specific development project is proposed.

In May 2009, the BLM Wyoming State Office Reservoir Management Group produced a draft Reasonably Foreseeable Development Scenario (RFD) document for the Bighorn Basin RMP revision. This document demonstrates that approximately 60 wells would be drilled annually for Federal minerals. (The petroleum resources specific to these leases in the Proposed Action are not known whether they are gas or oil or a combination thereof). The absolute density of drilling depends upon the technology available (vertical, directional, or horizontal) and the geology of the hydrocarbon-bearing zone. As a result, it is unknown the specific numbers of wells that could potentially be drilled under a full field development scenario as a result of issuing the leases. However, the RFD takes these assumptions into account, and on a Field Office wide basis, is still valid. Current APD permitting trends within the field office confirm that these assumptions are still accurate as from October 1999 through September 30, 2009 the Worland Field Office has approved 312 APDs, or an average of 31 APDs per year.

Subsequent development of any leases issued, would contribute a small incremental increase in overall hydrocarbon emissions, including GHGs. When compared to total national or global emissions, the amount released as a result of potential production from the proposed lease tracts would not have a measurable effect.

Coalbed methane development does not currently exist within the field office and, therefore, there are no expected emissions from this source due to the lack of interest by Worland Operators. The RFD does assume that over the next twenty years, up to 150 coalbed methane wells could be drilled.

Alternative C: Full Lease Issuance:

Under this alternative, leases would be issued with the stipulations as applied at the time of sale (Appendix A). However, due to the larger acreage under this Alternative potentially subject to surface disturbing activities, drilling and production, the potential for impacts are similar to, but have a higher probability of occurring in larger amounts, as under Alternative B. Emissions of all regulated pollutants (including GHGs) and their impacts will be quantified and evaluated at the time that a specific development project is proposed.

Mitigation

None

4.2 Greenhouse Gas Emissions

Alternative A: No Action

A decision to not issue the leases would preclude oil and gas development that could contribute greenhouse gas emissions from these leases. However, as discussed previously under the no action alternative, this would not preclude future nomination, leasing, and development consistent with land use planning decisions at that time. Based on demand for oil and gas, it is expected that these parcels would be nominated in the future; consistent with appropriate land use planning decisions, and would be offered for sale with appropriate stipulations. There is no way to accurately predict what level of restrictions future leasing may require, but it can be assumed that a substantial portion of the development that would have been authorized under the leases currently sold would still be permitted under future leases. This

would result in a postponement of development, and the possibility of the development occurring with increased restriction on greenhouse gas emissions. The levels and types of restrictions would be determined at the time of lease, and submittal of development activities for approval, but are expected to allow for at least moderate development of areas open to leasing. Therefore, the no-action alternative would likely delay, and not prevent, greenhouse gas emissions. The no-action alternative may also result in reduced levels of emissions associated with future expanded restrictions.

See Section 4.6 for a discussion of the impacts of these potential greenhouse gas emissions on global climate change.

Alternative B: Proposed Action

The issuance of leases in itself would not result in any direct greenhouse gas emissions. However, in regard to future development, the assessment of GHG emissions and climate change is in its formative phase. While it is not possible to accurately quantify potential GHG emissions in the affected areas as a result of making the proposed tracts available for leasing, some general assumptions however can be made: issuing the proposed tracts may contribute to drilling new wells.

The Center for Climate Strategies (CCS) prepared the Wyoming Greenhouse Gas Inventory and Reference Case Projection 1990-2020 (Inventory) for the Wyoming Department of Environmental Quality (WYDEQ) through an effort of the Western Regional Air Partnership (WRAP). This inventory report presents a preliminary draft greenhouse gas (GHG) emissions inventory and forecast from 1990 to 2020 for Wyoming. This report provides an initial comprehensive understanding of Wyoming's current and possible future GHG emissions. The information presented provides the State with a starting point for revising the initial estimates as improvements to data sources and assumptions are identified.

The inventory report discloses that activities in Wyoming accounted for approximately 56 million metric tons (MMt) of *gross1* carbon dioxide equivalent (CO2e) emissions in 2005, an amount equal to 0.8% of total US gross GHG emissions. These emission estimates focus on activities in Wyoming and are *consumption-based;* they exclude emissions associated with electricity that is exported from the State. Wyoming's gross GHG emissions increased 25% from 1990 to 2005, while national emissions rose by only 16% from 1990 to 2004. Annual sequestration (removal) of GHG emissions due to forestry and other land-uses in Wyoming are estimated at 36 MMtCO2e in 2005. Wyoming's per capita emission rate is more than four times greater than the national average of 25 MtCO2e/yr. This large difference between national and State per capita emissions occurs in most of the sectors – Wyoming's emission per capita significantly exceed national emissions per capita for the following sectors: electricity, industrial, fossil fuel production, transportation, industrial process and agriculture. The reasons for the higher per capita intensity in Wyoming are varied but include the State's strong fossil fuel production industry and other industries with high fossil fuel consumption intensity, large agriculture industry, large distances, and low population base. Between 1990 and 2005, per capita emissions in Wyoming have increased, mostly due to increased activity in the fossil fuel industry, while national per capita emissions have changed relatively little.

Wyoming's gross GHG emissions are expected to continue to grow to 69 MMtCO2e by 2020, 56% above 1990 levels. As shown in Figure ES-3, demand for electricity is projected to be the largest contributor to future emissions growth, followed by emissions associated with transportation. Although GHG emissions from fossil fuel production had the greatest increase by sector in the period 1990 to 2005, the growth from this sector is projected to decline due to assumption of decreased carbon dioxide emissions from venting at processing plants.

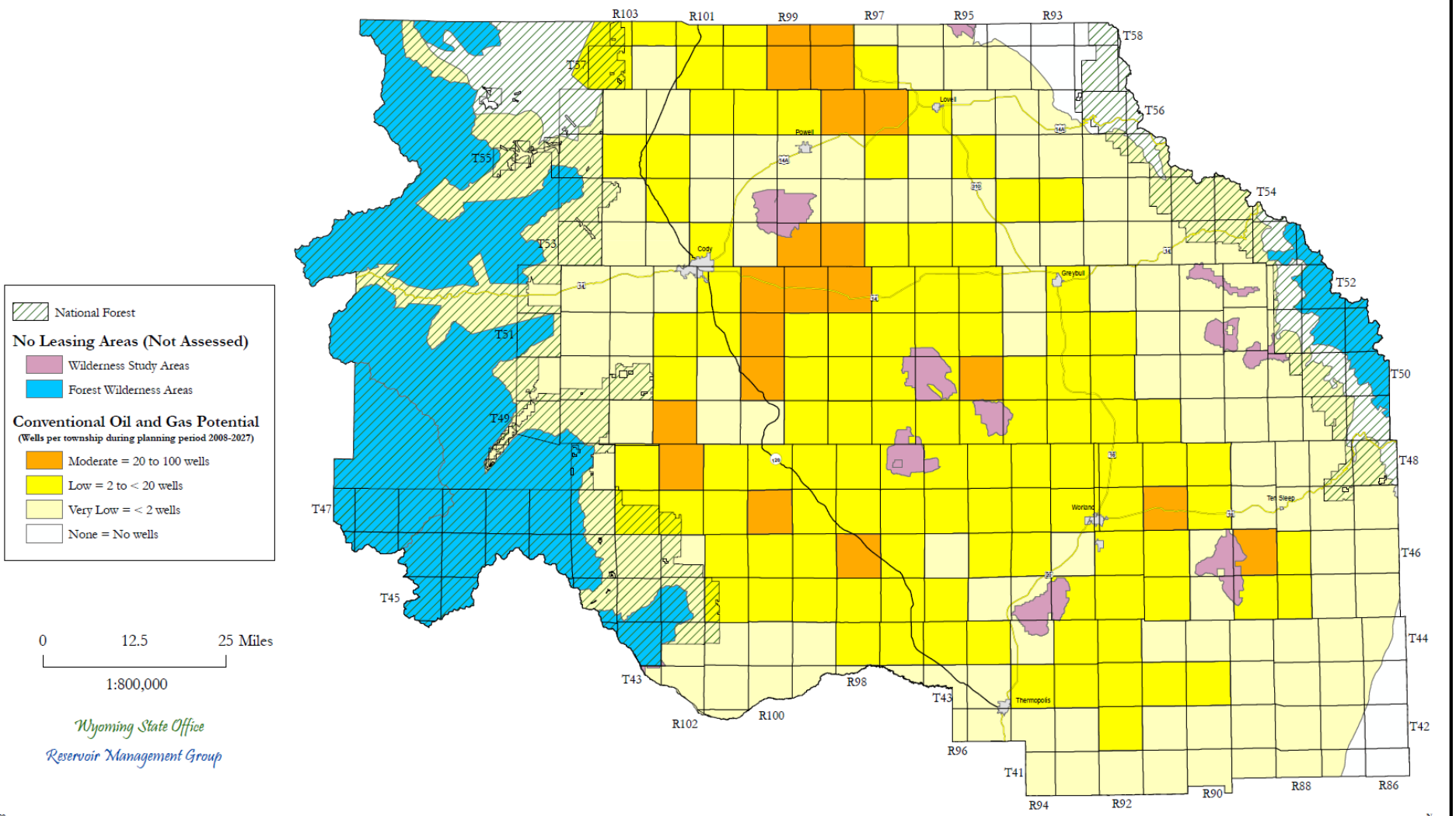
As of 2008, the Inventory indicates that there over 33,000 oil and gas wells in the State.

There are approximately 2688 existing Federal oil and gas wells in the Worland Field Office, which account for approximately 7.6 percent of the total Federal wells in Wyoming. Therefore, GHG emissions from all wells within the field office amount to approximately 1.4896 metric tons annually (mt) (19.6 mt X 0.076 = 1.4896 mt) assuming steady production and emission venting.

Based on this emission factor, each potential well that may be drilled on these parcels, if issued, could emit approximately 0.00059 mt CO2e assuming. It is unknown what the drilling density may be for these parcels, if they were to be developed; therefore, it is impossible to predict what level of emissions could occur from development at this stage under the proposed action.

Of the leases that have been sold, 14 parcels are located within an area defined as having Moderate Potential for Oil and Gas development in the 2009 Draft Reasonably Foreseeable Development (RFD) Scenario Document produced by the WY State Office Reservoir management Group for the Bighorn Basin RMP revision process. Additionally, 128 parcels are located in the Low Potential area and 21 parcels are located within the Very Low Potential area. The potential number of wells to be drilled per township in these areas is shown below in Figure 3 taken from the 2009 draft RFD Scenario document.

Figure 45.
Oil and gas (excluding coalbed natural gas) development potential and projected drilling densities within the Bighorn Basin Planning Area for 2008 through 2027.



See Section 4.6 for a discussion of the impacts of these potential greenhouse gas emissions on global climate change. Emissions of all regulated pollutants (including GHGs) and their impacts will be quantified and evaluated at the time that a specific development project is proposed.

Alternative C: Full Lease Issuance

Under this alternative, leases would be issued with the appropriate stipulations as listed in Appendix A. However, due to the larger acreage under this Alternative potentially subject to surface disturbing activities, drilling and production, the potential for greenhouse gas emissions are similar to, but have a higher probability of occurring in larger amounts, as under Alternative B.

See Section 4.6 for a discussion of the impacts of these potential greenhouse gas emissions on global climate change. Emissions of all regulated pollutants (including GHGs) and their impacts will be quantified and evaluated at the time that a specific development project is proposed.

Mitigation

The BLM holds regulatory jurisdiction over portions of natural gas and petroleum systems, identified in the EPA Inventory of US Greenhouse Gas Emissions and Sinks document. Exercise of this regulatory jurisdiction has led to development of "Best Management Practices (BMPs)" designed to reduce emissions from field production and operations. Analysis and approval of future development on the lease parcels would include applicable BMPs as conditions of approval (COAs) in order to reduce or mitigate GHG emissions. Additional measures developed at the project development stage would be incorporated as COAs in the approved APD or with a programmatic EIS, which are binding on the operator.

Such mitigation measures may include, but are not limited to:

- Flare hydrocarbon and gases at high temperatures in order to reduce emissions of incomplete combustion through the use of multi-chamber combustors;
- "Green" (flareless) completions,
- Water dirt roads during periods of high use in order to reduce fugitive dust emissions;
- Require that vapor recovery systems be maintained and functional in areas where petroleum liquids are stored;
- Installation of liquids gathering facilities or central production facilities to reduce the total number of sources and minimize truck traffic,
- Use of natural gas fired or electric drill rig engines,
- The use of selective catalytic reducers on diesel-fired drilling engines; and,
- Re-vegetate areas of the pad not required for production facilities to reduce the amount of dust from the pads.

The EPA Inventory data show that adoption by industry of the Best Management Practices proposed by the EPA's Natural Gas Energy Star program has reduced emissions from oil and gas exploration and development (Inventory of US Greenhouse Gas Emissions and Sinks: 1990-2006). The Worland Field Office will work with industry to facilitate the use of the relevant BMPs for operations proposed on federal mineral leases where such mitigation is consistent with agency policy.

4.3 Wildlife

Special Status Species

Alternative A: No Action

Under the No-Action alternative, oil and gas development of the 163 parcels would not occur. Therefore, no impacts would result from BLM actions. Additionally, activities in Sage Grouse Core Areas (Version 3) would be limited to those associated with current land uses, primarily recreation and agriculture. Approximately 42,500.09 acres of Sage Grouse Core Areas would not be developed, consistent with the WY Governor's strategy to conserve the species in support of the USFWS finding of Warranted but Precluded. As discussed previously, many of these parcels may be eligible for nomination, lease, and development in the future, and could be leased subject to appropriate levels of restriction identified in the RMP at the time.

Alternative B: Proposed Action

Under this alternative, leases for 121 parcels would be issued and a deferral of issuance of 42parcels would occur pending revision of certain wildlife lease stipulations and revision of the Bighorn Basin RMP. Approximately 42,500.09 acres of development would be curtailed until stipulations in accordance with the Sage Grouse Core strategy could be attached to leases for the affected parcels (24). Once the lease stipulations are revised, the High Bidder would be given a chance to accept or reject those changes. If the changes are rejected BLM would return all monies received a result of the sale and the parcels would not be subject to development unless and until offered and leased at a future lease sale. As a result of the RMP revision, the BLM could choose to not lease these parcels and no impacts would occur. All other impacts are the same as those described in the Draft Grass Creek and Washakie RMP's as they relate to Sage Grouse.

Alternative C: Full Lease Issuance

Under this alternative, all leases would be issued with the stipulations as detailed in Appendix A. However, due to the larger acreage under this Alternative potentially subject to surface disturbing activities, the potential for impacts are similar to, but have a higher probability of occurring and at a greater intensity, as under Alternative B. Without conformance with the WY Sage Grouse Core Area Conservation Strategy, it is likely that the Sage Grouse would be listed as a T&E species; such a listing would violate the BLM Sensitive Species policy as authorized under BLM Manual 6840.

Mitigation

Modification of the stipulations for 24 parcels is recommended to ensure continued population and habitat objectives for the Greater Sage Grouse. Additional mitigation and/or Conditions of Approval could be identified at the development stage to further minimize impacts associated with oil and gas development.

4.4 Multiple Use Lands with Wilderness Characteristics

Alternative A: No Action

An inventory of areas identified as containing wilderness characteristics was performed in the Worland Field Office in 2009. As a result, all 163 parcels were screened for wilderness characteristics. Of those, approximately 26,439.70 acres within 18 parcels out of the 163 parcels offered for lease contain areas that have been identified as containing wilderness characteristics. In the No-Action Alternative, these areas will not be developed under these leases. Management of these areas with wilderness characteristics would be preserved for analysis and decision in an appropriate planning document. Future leasing decisions would be consistent with that document.

Alternative B: Proposed Action

Under this alternative, leases would be issued for 121 parcels that have been previously sold, or are available non-competitively and could be sold, and a recommendation to defer issuing leases for 42parcels that have been previously sold or are available noncompetitively. Eighteen (18) of the 42 parcels proposed for deferral of issuance, containing approximately 26,439.70 acres of lands potentially containing wilderness characteristics, would be curtailed until management direction could be instituted in the RMP Record of Decision; four (4) of the twenty-two parcels are concurrently recommended for deferral for wilderness characteristics. Once management decisions are made either 1) the lease stipulation would be revised and the High Bidder would be given a chance to accept or reject the lease with revised stipulations; or 2) the BLM would not issue leases for those parcels and return all monies received a result of the sale. If the decision was made not to issue the leases, those parcels would not be subject to development but could potentially be made available at another time.

Alternative C: Full Lease Issuance

Under this alternative, all 163 leases would be issued with the stipulations as detailed in Appendix A. However, due to the larger acreage under this Alternative potentially subject to surface disturbing activities, the potential for impacts are similar to, but have a higher probability of occurring, as under Alternative B. Regardless, issuance of all leases, including those potentially containing wilderness characteristics could cause adverse environmental impacts and preclude alternative formulation under the Bighorn Basin RMP revision which could potentially violate NEPA policy.

Mitigation

None

4.5: Socio-economics

Alternative A-- No Action:

Under this alternative, no leases would be issued and no development under those leases would occur. As primarily rural communities that rely heavily on energy development revenue and agricultural uses, the communities in the leasing areas are likely to be negatively impacted by loss of potential revenue from subsequent development, of these parcels. However, the pace of development has historically been

slower than that in many areas of the state, with approximately 31 Applications for Permits to Drill (APD) approved per year. The projection under the latest Reasonable Foreseeable Development scenario is for approximately 60 wells per year. Because there is demand for oil and gas, it is expected that if the leases are not issued the parcels will be re-nominated and leased in the future under more stringent stipulations. This would still allow for development of leases, and generation of revenue from Federally-managed minerals. Therefore, it is an assumption that the No Action Alternative (no lease option) may result in a slight reduction in domestic production of oil and gas. This would likely result in reduced Federal and State royalty income, and the potential for Federal land to be drained by wells on adjacent private or state land.

Under the No-Action alternative, the BLM will be expected to refund $2,968,586.50 in bonus bids, filing fees, and rental fees. The BLM provides approximately 50% of that revenue to the State of Wyoming. This represents a loss of considerable revenue to the State of Wyoming and to the Federal Government. Appendix C lists each parcel and the monies that were received for each lease sold during the period of June 2008 through May 2010.

Consumption of oil and gas developed from the proposed lease parcels is expected to produce GHGs. Consumption is driven by a variety of complex interacting factors including energy costs, energy efficiency, availability of other energy sources, economics, demography, and weather or climate.

Alternative B – Proposed Action:

Under this alternative, leases would be issued for 136 parcels that have been sold or could be sold noncompetitively. For those parcels that have been sold, this would result in revenue of $2,127,779.00 for the Federal and State government, and a need to refund $840,787.50 of already-purchased leases. Development of the issued leases would proceed consistent with the Reasonable Foreseeable Development report, at approximately 60 wells per year. Additionally, 15 parcels currently available non-competitively would be deferred from leasing; monies not received from the sale of these parcels would be monetary impact to the federal government and the State of WY. Specific economic impacts would be identified in the NEPA document supporting the Application for Permit to Drill, when a more accurate analysis is possible based on the speculative nature of leasing in relation to development.

Alternative C-- Full Lease Issuance:

Under this alternative, all leases would be issued. This would provide the most opportunity for development of oil and gas, and the most revenue for the Federal government and the State ($2.97M). Under this alternative, no money would be refunded.

Mitigation

None.

4.6 Cumulative Impacts

There are approximately 2,688 Federal producing wells in the Worland Field Office; there are no producing coalbed methane production wells.

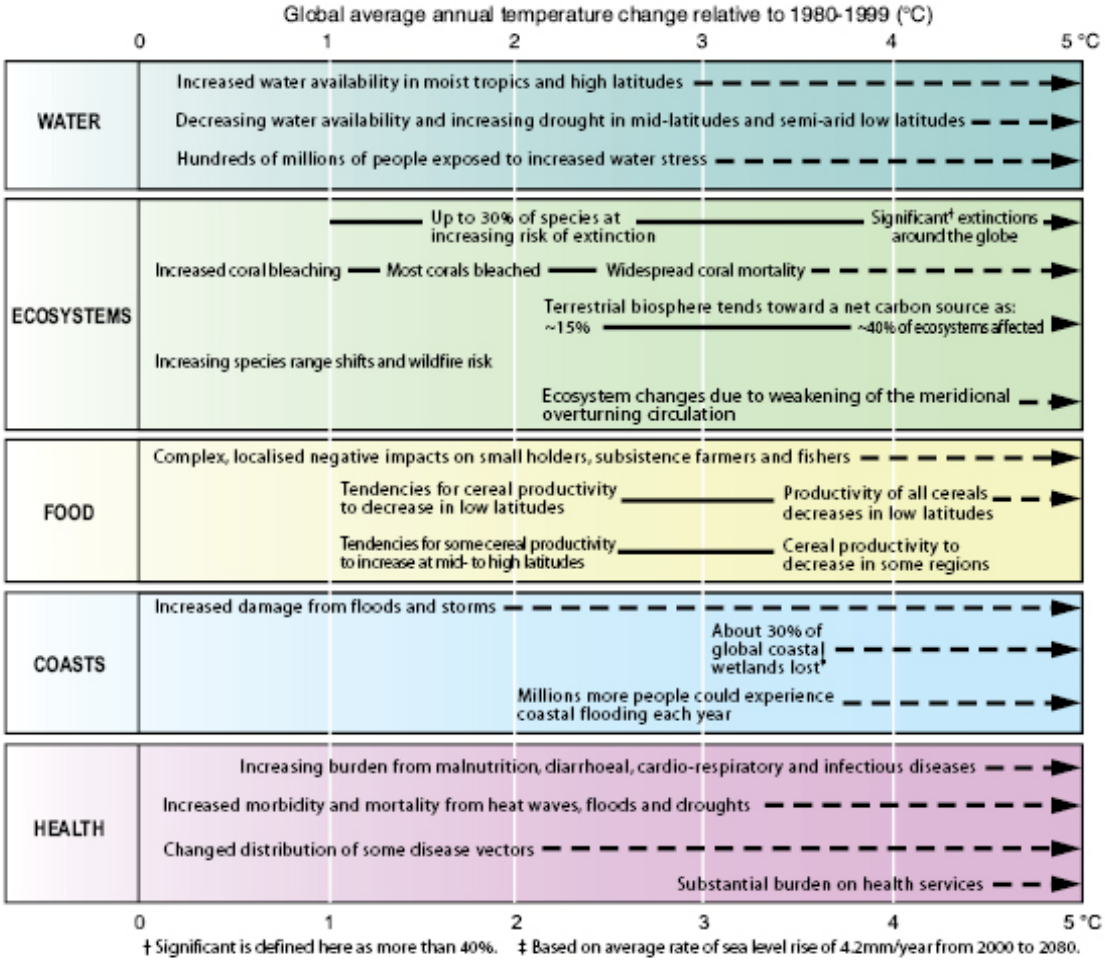
Analysis of cumulative impacts for reasonably foreseeable development (RFD) of oil and gas wells on public lands in the Worland Field Office is presented in the 1988 Draft Grass Creek and 1998 Washakie Resource Management Plans (RMP). Potential development of all available federal minerals in the field office, including those in the proposed lease parcels, was included as part of the analysis.

As described in the analysis of environmental consequences, the proposed action and/or the alternative may contribute to the effects of climate change to some extent through GHG emissions. However, it is not currently possible to associate any of these particular actions with the creation of any specific climate-related environmental effects. The lack of scientific tools designed to predict climate change at regional or local scales limits the ability to quantify potential future impacts.

The assessment of greenhouse gas (GHG) emissions and climate change is still in its formative phase; therefore, it is not yet possible to know with confidence the net impact on climate. However, the Intergovernmental Panel on Climate Change (IPCC 2007) recently concluded that "warming of the climate system is unequivocal" and "most of the observed increase in globally average temperatures since the mid-20th century is very likely due to the observed increase in anthropogenic [man-made] greenhouse gas concentrations." As the temperatures of the land and sea change, environmental factors such as weather patterns, sea levels, precipitation rates, the timing of the seasons, desert distribution, forest cover, and ocean salinity will also change. These changes influence the world's climate systems and will have different impacts to different areas. Some agricultural regions may become more arid while others become wetter; some mountainous areas will experience greater summer precipitation, yet experience disappearing snowpack.

Based on research compiled for the International Panel on Climate Change Fourth Assessment Report, 2007, potential effects of climate change on resources in the affected environment are likely to be varied. Figure 4.6.1, taken from the Fourth Assessment Report indicates varying responses of the natural world to increasing temperatures as a result of increasing global temperatures.

Figure 4.6.1: Examples of impacts associated with global average temperature change (Impacts will vary by extent of adaptation, rate of temperature change and socio-economic pathway)



Within North America, the report specifically forecasts that: Warming in western mountains is projected to cause decreased snowpack, more winter flooding and reduced summer flows, exacerbating competition for over-allocated water resources; in the early decades of the century, moderate climate change is projected to increase aggregate yields of rain-fed agriculture by 5 to 20%, but with important variability among regions; major challenges are projected for crops that are near the warm end of their suitable range or which depend on highly utilized water resources; cities that currently experience heat waves are expected to be further challenged by an increased number, intensity and duration of heat waves during the course of the century, with potential for adverse health impacts and coastal communities and habitats will be increasingly stressed by climate change impacts interacting with development and pollution. Specific modeling and/or assessments of the potential effects for the Casper Field Office and for the State of WY currently do not exist.

Global mean surface temperatures have increased nearly 1.8°F from 1890 to 2006. Models indicate that average temperature changes are likely to be greater in the Northern Hemisphere. Northern latitudes (above 24°N) have exhibited temperature increases of nearly 2.1° F since 1900, with nearly a 1.8°F increase since 1970 alone. Without additional meteorological monitoring systems, it is difficult to determine the spatial and temporal variability and change of climatic conditions, but increasing concentrations of GHGs are likely to accelerate the rate of climate change.

Based on a 0.00059 mt/well emission factor (See Section 4.2), an RFD of 30 wells drilled and produced per year would result in approximately 0.0177 mt of CO2e, potentially being added to the current levels associated with oil and gas development in the Newcastle Field Office. It is unknown what the drilling density may be for these parcels, if they were to be developed; therefore, it is impossible to predict what level of emissions could occur from development at this stage under the proposed action.

The average number of oil and gas wells drilled annually in the Field Office and probable GHG emission levels, when compared to the total GHG emission estimates from the total number of Federal oil and gas wells in the State, represent an incremental contribution to the total regional and global GHG emission levels. This incremental contribution to global GHG gases cannot be translated into incremental effects on climate change globally or in the area of these site-specific actions. As oil and gas and natural gas production technology continues to improve in the future, one assumption is that it may be feasible to further reduce GHG emissions. Emissions of all regulated pollutants (including GHGs) and their impacts will be quantified and evaluated at the time that a specific development project is proposed.

Regarding the linkage between climate change related warming and associated impacts, an assessment of the IPCC states that difficulties remain in attributing observed temperature changes at smaller than continental scales. Therefore, it is currently beyond the scope of existing science to predict climate change on regional or local scales resulting from specific sources of GHG emissions.

Significant uncertainties remain with respect to the estimates of the current level of emissions and projections of future production of fossil fuels as the oil and gas industry is difficult to forecast with the mix of drivers: economics, resource supply, demand, and regulatory procedures. The assumptions used for the projections, based on recent trends or State production trends in the near-term, and AEO2006 growth rates through 2020, do not include any significant changes in energy prices, relative to today's prices. Large price swings, resource limitations, or changes in regulations could significantly change future production and the associated GHG emissions. Other uncertainties include the volume of GHGs vented from gas processing facilities in the future, any commercial oil shale or coal-to-liquids production, and potential emissions-reducing improvements in oil and gas production, processing, and pipeline technologies.

There are currently no proposals for renewable energy projects in the Worland Field Office.

5.0 Description of Mitigating Measures and Residual Impacts

The issuance of those leases identified under the proposed action will be mitigated by attaching appropriate conditions of approval to any subsequent requests for lease development either on a case by case basis or upon receipt of a multi-well project proposal. The Worland Field Office, Surface Use and Occupancy Requirements, Conditions of Approval, and the Worland Field Office's Special Leasing Stipulations, which are in place at the Wyoming State Office, will provide adequate mitigation for issuance of all lease parcels under the Proposed Action.

Direct, indirect, cumulative and residual impacts of leasing and lease development are generally described in the Grass Creek and Washakie Approved Resource Management Plan and Record of Decisions, October 1988 and October 1998, respectively. An environmental analysis will be prepared on a case-by-case basis upon receipt of future subsequent actions.

6.0 Consultation/Coordination

Worland Field Office BLM Staff
Holly Elliott, Natural Resource Specialist

Wyoming State Office BLM Staff
Christopher Carlton, Planning and Environmental Coordinator
Merry Gamper, Physical Scientist

7.0 References

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U.S. Department of the Interior, Bureau of Land Management. 1988. Grass Creek Approved Resource Management and Plan Record of Decision. Worland, Wyoming.

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U.S. Department of the Interior, Bureau of Land Management. 1998. Washakie Approved Resource Management and Plan Record of Decision. Worland, Wyoming

7.1 Authorities

Code of Federal Regulations (CFR) 3100

40 CFR All Parts and Sections inclusive Protection of Environment, Revised as of July 1, 2001.

43 CFR, All Parts and Sections inclusive - Public Lands: Interior. Revised as of October 1, 2000.

U.S. Department of the Interior, Bureau of Land Management and Office of the Solicitor (editors). 2001. The Federal Land Policy and Management Act, as amended. Public Law 94-579.

APPENDIX A

Lease Parcels

JUNE 2008 PARCELS

WY-0806-073 2503.460 Acres

T.0430N, R.0880W, 06th PM, WY
Sec. 001 LOTS 5-13;
001 SWNE, S2NW, W2SW;
001 TR 39A, 39B, 39C, 39D;
002 LOTS 5-8;
002 S2N2, S2;
011 LOTS 1-6;
011 N2NE, SWNE, NW, N2SW, NWSE;
011 TR 39G, 39J;
012 LOTS 1-9;
012 TR 39C, 39D, 39E, 39F, 39G, 39H;
012 TR 39I,39J;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.

WY-0806-074 2518.210 Acres

T.0430N, R.0880W, 06th PM, WY
Sec. 003 LOTS 5-8;
003 S2N2, S2;
004 LOTS 5-8;
004 S2N2, S2;
009 LOTS 1-4;
009 N2, N2S2;
010 LOTS 1-4;
010 N2, N2S2;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-075 2056.990 Acres
T.0430N, R.0880W, 06th PM, WY
Sec. 005 LOTS 5-8;
005 S2N2, S2;
006 LOTS 8-20;
006 SENE, E2SE;
006 TR 38;
007 LOTS 5-12;
007 NENE, S2NE, N2SE;
007 TR 38;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-076 1711.250 Acres
T.0430N, R.0880W, 06th PM, WY
Sec. 008 LOTS 1-4;
008 N2, N2S2;
017 NENE, S2NE, W2, SE;
018 LOTS 1-4;
018 NE, E2W2, N2SE;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within 1/4mile of a Sage grouse strutting/dancing ground will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Worland Field Office GIS database; (3)protecting Sage grouse breeding habitat.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable

plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

WY-0806-077 2560.000 Acres
T.0430N, R.0880W, 06th PM, WY
Sec. 013 ALL;
014 ALL;
015 ALL;
024 ALL;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-078 1926.080 Acres
T.0430N, R.0880W, 06th PM, WY
Sec. 019 LOTS 1-4;
019 NENW, SESW, SE;
029 E2, NW, NESW, S2SW;
030 LOTS 1-4;
030 NENE, S2NE, E2W2, S2SE;
031 LOTS 1-4;
031 NE, E2W2, N2SE;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-079 2040.000 Acres
T.0430N, R.0880W, 06th PM, WY
Sec. 022 ALL;

023 ALL;
025 N2NW,SWNW,NWSW;
026 N2,SW,N2SE,SWSE;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-080 2200.000 Acres
T.0430N, R.0880W, 06th PM, WY
Sec. 032 E2,NW,NESW,S2SW;
033 ALL;
034 N2,N2S2,SWSW;
035 W2NE,NW,SESW,SE;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-081 2193.760 Acres
T.0440N, R.0880W, 06th PM, WY
Sec. 030 LOTS 5-12;
030 E2,E2W2;
031 LOTS 5-16;
031 E2W2,SE;
032 LOTS 1,2;
032 E2,E2NW,SW;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2

Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-082 1917.120 Acres
T.0440N, R.0880W, 06th PM, WY
Sec. 033 ALL;
034 ALL;
035 LOTS 1-4;
035 W2E2,W2;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
CSU (1) Surface occupancy or use within 1/4mile of a Sage grouse strutting/dancing ground will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Worland Field Office GIS database; (3)protecting Sage grouse breeding habitat.

WY-0806-084 2518.830 Acres
T.0430N, R.0890W, 06th PM, WY
Sec. 001 LOTS 5-11;
001 SWNE,S2NW,SW,W2SE;
002 LOTS 5-8;
002 S2N2,S2;
012 LOTS 1-5;
012 W2NE,W2,NWSE;
012 TR 40A;
013 LOTS 1-11;
013 NWNW,SESW,SWSE;
013 TR 40A,40B,40C,40D,40E;
014 N2NE;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-085 1851.460 Acres
T.0430N, R.0890W, 06th PM, WY
Sec. 003 LOTS 5,6;
003 S2NE,E2SE;
006 LOTS 8-14;
006 S2NE,SENW,E2SW,SE;
007 LOTS 5;
007 N2NE,NENW;
008 LOTS 1;
009 LOTS 1,2;
009 N2SW;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on overlapping big game crucial winter ranges the Worland Field Office GIS database; (3) will be restricted or prohibited unless the protecting big game on crucial winter range. operator and surface managing agency arrive at
CSU (1) Surface occupancy or use within 1/4 an acceptable plan for mitigation of mile of a Sage grouse strutting/dancing ground anticipated impacts. This may include will be restricted or prohibited unless the development, operations and maintenance of operator and surface managing agency arrive at facilities; (2) as mapped on the Worland Field an acceptable plan for mitigation of Office GIS database; (3) protecting Sage grouse breeding habitat.

WY-0806-086 2262.420 Acres
T.0430N, R.0890W, 06th PM, WY
Sec. 015 LOTS 1-5;
015 SWNW,S2;
016 LOTS 1-3,6,7;
023 S2; 024 LOTS 1-5;
024 W2E2,E2NW,SWNW,SW;
027 LOTS 1,4-10;
027 W2,W2SE,SESE;
032 NW,NWSW;
Washakie County

Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

WY-0806-087 2295.550 Acres
T.0430N, R.0890W, 06th PM, WY
Sec. 025 LOTS 1-7;
025 W2NE,NW,N2SW,NWSE;
026 LOTS 1-5;
026 NE,NESW,S2SW,N2SE,SWSE;
034 LOTS 1-4;
034 N2,N2S2;
035 LOTS 1-7;
035 W2NE,NW,N2SW,NWSE;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and the surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on Worland Field Office GIS database; (3) game crucial winter ranges.

WY-0806-091 560.360 Acres
T.0420N, R.0900W, 06th PM, WY
Sec. 001 LOTS 1-4;
001 S2N2,SW,N2SE;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

WY-0806-092 80.630 Acres
T.0420N, R.0900W, 06th PM, WY
Sec. 002 LOTS 3,4;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

WY-0806-093 2199.760 Acres
T.0470N, R.0900W, 06th PM, WY
Sec. 003 LOTS 7,8;
003 S2NW,NESW,NWSE,S2SE;
004 LOTS 5-8;
004 S2N2,SW,NWSE,S2SE;
010 ALL;

015 ALL;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Raptors.

WY-0806-094 399.030 Acres
T.0470N, R.0900W, 06th PM, WY
Sec. 005 S2NE,SE;
006 LOTS 9-11;
006 SENW;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-095 2480.000 Acres
T.0470N, R.0900W, 06th PM, WY
Sec. 011 ALL;
012 ALL;
013 N2,N2SW,NESESW,SE;
014 N2,SW,N2SE,SWSE,W2E2SESE;
014 W2SESE;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Raptors.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-096 2518.420 Acres
T.0470N, R.0900W, 06th PM, WY
Sec. 020 E2,N2SW,SWSW;
021 ALL;
028 ALL;
029 N2,SE;
030 LOTS 5,6;
030 NE,E2NW;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-097 2557.500 Acres
T.0470N, R.0900W, 06th PM, WY
Sec. 022 ALL;
023 NWNENENE,S2NENENE,W2NENE;
023 SENENE,W2NE,SENE,W2,SE;
026 ALL;
027 ALL;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Raptors.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-098 890.000 Acres
T.0470N, R.0900W, 06th PM, WY
Sec. 024 SWSWNW,SW,S2SE;
025 ALL;
Washakie County
Worland FO
Stipulations:

Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; 3)protecting nesting Sage grouse.
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Raptors.

WY-0806-099 960.000 Acres
T.0470N, R.0900W, 06th PM, WY
Sec. 034 E2;
035 ALL;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; 3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-100 661.120 Acres
T.0430N, R.0910W, 06th PM, WY
Sec. 021 SE;
022 LOTS 2,3;
022 W2NW,NWSW;
022 TR 41A;
027 LOTS 2,3;
027 W2NW;
027 TR 41I,41J;
028 NENE;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Raptors.

TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-101 2488.610 Acres
T.0500N, R.0910W, 06th PM, WY
Sec. 001 LOTS 6-22;
001 S2NW,SW;
012 LOTS 1-11;
012 W2;
012 TR 51;
013 LOTS 1-9;
013 W2;
013 TR 50A,50B,50C,50F,50G,50H;
013 TR 50I;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.

WY-0806-102 1943.360 Acres
T.0500N, R.0910W, 06th PM, WY
Sec. 002 LOTS 5-8;
002 S2N2,S2;
011 ALL;
014 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.

WY-0806-103 972.650 Acres
T.0500N, R.0910W, 06th PM, WY
Sec. 003 LOTS 2,5;
003 S2NE,SE;
003 TR 39I;
010 E2;

015 E2;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-104 1264.720 Acres
T.0500N, R.0910W, 06th PM, WY
Sec. 006 LOTS 8-10;
006 TR 40E,40F,40G,40H,40I,40J;
006 TR 40K,40L,40M,40N,40O,40P;
006 TR 40Q;
007 LOTS 1-4;
007 E2,E2W2;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-105 320.000 Acres
T.0500N, R.0910W, 06th PM, WY
Sec. 017 SWNW,SW,W2SE,SESE;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-106 440.000 Acres
T.0500N, R.0910W, 06th PM, WY
Sec. 019 N2NE,SENE;
020 N2;
Big Horn County

Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-107 1051.280 Acres
T.0500N, R.0910W, 06th PM, WY
Sec. 021 W2E2,S2NW,SW;
028 NWNE,N2NW;
034 TR 79A,79B,79C,79D,79E,79F;
034 TR 79G,79H,79I,79J,79K,79L;
034 TR 79M,79N;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-108 1920.000 Acres
T.0500N, R.0910W, 06th PM, WY
Sec. 022 E2;
023 ALL;
026 ALL;
027 E2;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-109 2399.360 Acres
T.0500N, R.0910W, 06th PM, WY
Sec. 024 LOTS 1-8;
024 W2;
024 TR 49C,49D,49E,49F,49J,49K;
024 TR 49L,49M;
025 LOTS 1-8;
025 W2;
025 TR 48B,48C,48D,48E,48L,48M;
025 TR 48N,48O;
035 TR 80A,80B,80C,80D,80E,80F;
035 TR 80G,80H,80I,80J,80K,80L;
035 TR 80M,80N,80O,80P;
036 TR 82D,82E,82F,82G,82N,82O;
036 TR 82P,82Q;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.

WY-0806-110 2203.320 Acres
T.0510N, R.0910W, 06th PM, WY
Sec. 001 LOTS 5-8;
001 S2N2,S2;
012 ALL;
013 LOTS 1,2;
013 N2,SW;
024 W2,S2SE;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.

WY-0806-111 2522.240 Acres
T.0510N, R.0910W, 06th PM, WY
Sec. 002 LOTS 5-8;
002 S2N2,S2;
011 LOTS 1-4;
011 N2NE,W2,S2SE;
014 ALL;
023 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-112 1921.200 Acres
T.0510N, R.0910W, 06th PM, WY
Sec. 003 LOTS 5-8;
003 S2N2,S2;
010 ALL;
015 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-113 1920.800 Acres
T.0510N, R.0910W, 06th PM, WY
Sec. 004 LOTS 5-8;
004 S2N2,S2;
009 ALL;
021 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-114 1920.160 Acres
T.0510N, R.0910W, 06th PM, WY
Sec. 005 LOTS 5-8;

005 S2N2,S2;
008 ALL;
017 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-115 1886.090 Acres
T.0510N, R.0910W, 06th PM, WY
Sec. 006 LOTS 8-14;
006 S2NE,SENW,E2SW,SE;
007 LOTS 5-8;
007 E2,E2W2;
018 LOTS 5-8;
018 E2,E2W2;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-116 1766.830 Acres
T.0510N, R.0910W, 06th PM, WY
Sec. 019 LOTS 5-8;
019 E2,E2W2;
030 LOTS 5-8;
030 E2,E2W2;
031 LOTS 5-8;
031 NE,E2NW,NESW,NWSE;
031 TR 40C,40D,41E;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-117 1360.000 Acres
T.0510N, R.0910W, 06th PM, WY
Sec. 020 ALL;
029 N2,SE;
032 E2SW,SE;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-118 2399.450 Acres
T.0510N, R.0910W, 06th PM, WY
Sec. 022 ALL;
027 ALL;
028 ALL;
033 LOTS 1-4;
033 N2NE,SW;
033 TR 39A,39B,39F;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-119 1920.530 Acres
T.0510N, R.0910W, 06th PM, WY
Sec. 025 ALL;
026 ALL;
034 LOTS 1,2;
034 E2,NW,NESW;
034 TR 39C,39D,39E;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-120 640.000 Acres
T.0510N, R.0910W, 06th PM, WY
Sec. 035 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-126 889.460 Acres
T.0460N, R.0920W, 06th PM, WY
Sec. 018 LOTS 8,9,12-22,25,26;
018 N2NE,SWNE,NWSE;
018 TR 1,2;
019 SE;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations, and maintenance of facilities; (2) as mapped on the Grass Creek Planning Area wildlife overlays; (3)protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

WY-0806-127 2492.400 Acres
T.0480N, R.0920W, 06th PM, WY
Sec. 001 LOTS 1-4;
001 S2N2,S2;
002 LOTS 1-4;
002 S2N2,S2;
003 LOTS 1;
003 SENE,E2SE;
010 E2NE,SE;
011 ALL;
012 NE;
Washakie County
Worland FO
Stipulations:

Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-128 320.000 Acres
T.0480N, R.0920W, 06th PM, WY
Sec. 035 E2;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-129 442.750 Acres
T.0490N, R.0920W, 06th PM, WY
Sec. 001 SWSW,S2SE;
T.0500N, R.0920W, 06th PM, WY
Sec. 019 LOTS 7;
019 SESW;
031 SESE;
032 SW,SWSE;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Raptors.

WY-0806-130 1968.450 Acres
T.0490N, R.0920W, 06th PM, WY
Sec. 004 SWNW,SW,SWSE;
005 LOTS 5,6;
005 S2NE;
010 ALL;
011 ALL;
012 SWNW,SW,S2SE;
Big Horn County

Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Raptors.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-131 2560.000 Acres
T.0490N, R.0920W, 06th PM, WY
Sec. 013 ALL;
014 ALL;
023 ALL;
024 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Raptors.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-132 1268.180 Acres
T.0490N, R.0920W, 06th PM, WY
Sec. 015 LOTS 1;
015 N2,N2SW,SESW,SE;
016 LOTS 1-3;
016 LOT 4 (EXCL 1.84 AC IN RR 016 ROW WYW0119067);
022 LOTS 1-3;
022 NE,E2SE;
027 LOTS 1,2; 0
27 NENE;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Raptors.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-133 1701.930 Acres
T.0490N, R.0920W, 06th PM, WY
Sec. 025 ALL;
026 N2,E2SW,SE;
035 LOTS 1-6;
035 NE,N2SE;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-134 1559.370 Acres
T.0500N, R.0920W, 06th PM, WY
Sec. 001 TR 37G,37H,37I,37J,37O,37P;
001 TR 37Q,37R;
012 NENE,S2NE,W2,SE;
013 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-135 1481.620 Acres
T.0500N, R.0920W, 06th PM, WY
Sec. 002 TR 38M,38Q,38R,38S,38T;
011 ALL;
014 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1

Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-136 1781.800 Acres
T.0500N, R.0920W, 06th PM, WY
Sec. 003 TR 39E,39F,39G,39H,39I,39J;
003 TR 39K,39L,39M,39N,39O,39P;
003 TR 39Q,39R,39S;
010 N2,W2SW,SESW,SE;
015 E2,N2NW,SENW,SW;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-137 1263.820 Acres
T.0500N, R.0920W, 06th PM, WY
Sec. 004 LOTS 5-7;
004 SWNE,S2NW,SW,W2SE;
004 TR 42B,42C,42D,42E;
009 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-138 1906.090 Acres
T.0500N, R.0920W, 06th PM, WY
Sec. 005 LOTS 5-8;
005 S2N2,S2;
006 LOTS 8-14;
006 S2NE,SENW,E2SW,SE;
008 N2,N2SW,SESW,SE;
Big Horn County

Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-139 800.000 Acres
T.0500N, R.0920W, 06th PM, WY
Sec. 020 E2E2;
021 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-140 1920.000 Acres
T.0500N, R.0920W, 06th PM, WY
Sec. 022 ALL;
023 ALL;
024 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-141 1725.090 Acres
T.0510N, R.0920W, 06th PM, WY
Sec. 001 LOTS 7-9;
001 SENW;
001 TR 63B;
002 TR 63A,63B,64C,64D,64G,65I;
002 TR 65J,65K,65N,65O,65P,65Q;
002 TR 65R,65S;
003 TR 65K,65N,65S;

010 TR 62F,62K,62M;
011 TR 62F,62I,62J,62K,62M,62N;
011 TR 62O,63A,63B,63C,63D,63E;
011 TR 63L;
012 LOTS 1-5;
012 N2NE,SENE;
012 TR 63B,63C,63F,63G,63H,63I;
012 TR 63J,63K;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-142 2143.040 Acres
T.0510N, R.0920W, 06th PM, WY
Sec. 004 LOTS 5-7;
004 S2NE,SENW,S2;
005 S2; 008 LOTS 1,2;
008 N2,SW,N2SE;
009 LOTS 1-3;
009 N2,N2S2,SESE;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-143 2329.280 Acres
T.0510N, R.0920W, 06th PM, WY
Sec. 006 LOTS 8-21;
006 S2NE,SE;
007 LOTS 5-11,16;
007 E2; 007 E2 OF LOT 12; 007 E2 OF LOT 15;
017 LOTS 1-4;
017 W2;
018 E2;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2

Special Lease Stipulation

WY-0806-144 1965.890 Acres
T.0510N, R.0920W, 06th PM, WY
Sec. 013 LOTS 1-4;
013 TR 60A,60B,60C,60F,60G,60H;
013 TR 60I,60J,60K,60N,60O,60P;
014 LOTS 1-3;
014 TR 58D,60C,60D,60E,60F,60K;
014 TR 60L,60M,60N,61A,61B,61C;
014 TR 61D,61E,61F,61G,61H,61I;
015 LOTS 4;
015 N2;
015 TR 55A,55B,55C,61I,61J;
016 LOTS 1-3;
016 TR 55C;
023 TR 58D;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-145 480.000 Acres
T.0510N, R.0920W, 06th PM, WY
Sec. 020 NE,W2;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-146 728.800 Acres
T.0510N, R.0920W, 06th PM, WY
Sec. 023 TR 49C,49D,57A,57I,57P,58E;
023 TR 58F,58K,58L;
024 LOTS 1,2;
024 TR 49C,58A,58B,58C,58F,58G;
024 TR 58H,58I,58J,58K;
025 TR 49C;
026 TR 49D;
Big Horn County

Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-147 440.000 Acres
T.0510N, R.0920W, 06th PM, WY
Sec. 025 TR 49A,49B,49F,49G,49H;
026 TR 46C,49L,49M,50N,50O,50P;
027 TR 46C;
034 TR 46C;
035 TR 46C;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-148 353.770 Acres
T.0510N, R.0920W, 06th PM, WY
Sec. 027 TR 50L,50M;
033 LOTS 4,5;
033 W2W2;
034 TR 46D;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-149 1865.680 Acres
T.0510N, R.0920W, 06th PM, WY
Sec. 029 W2NE,NWNW,E2SE;
030 LOTS 12-15;
031 LOTS 5-16;
031 E2;
032 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-150 6.910 Acres
T.0510N, R.0920W, 06th PM, WY
Sec. 036 TR 37A,37B;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-155 1320.000 Acres
T.0490N, R.0930W, 06th PM, WY
Sec. 001 SWSW;
002 S2;
010 NE,W2;
011 E2,SW;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-156 1158.460 Acres
T.0490N, R.0930W, 06th PM, WY
Sec. 006 LOTS 1,2;
006 SENE,SWSE;
007 LOTS 1-3;
007 NE,E2NW;
008 NW,E2SW;
017 E2NW;
030 LOTS 1,3,4;
030 NENW,E2SW,W2SE;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.

CSU (1) Surface occupancy or use within 1/4mile of a Sage grouse strutting/dancing ground will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Worland Field Office GIS database; (3)protecting Sage grouse breeding habitat.

WY-0806-157 800.000 Acres
T.0490N, R.0930W, 06th PM, WY
Sec. 014 SESW,E2SE,SWSE;
023 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations, and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

WY-0806-158 2306.630 Acres
T.0500N, R.0930W, 06th PM,
Sec. 004 LOTS 1-4;
004 SWNW,NWSW;
005 LOTS 1-4; 030 LOTS 1-4;
005 S2N2,S2;
006 LOTS 1,2;
006 S2NE,SE;
007 LOTS 1-4;
007 E2;
008 ALL;
Big Horn County
Worland FO
Stipulations
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Feb 1 to Jul 31; (2) as mapped on Stipulations: the Worland Field Office GIS database; (3) protecting nesting Raptors
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.

WY-0806-159 1284.640 Acres
T.0500N, R.0930W, 06th PM,
Sec. 016 LOTS 1,4-6;
017 SWNW,W2SW;
020 ALL;
021 SWNW,W2SW,SESW;
028 LOTS 2;
028 W2E2;
029 NE;
Big Horn County
Worland
Stipulations
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Raptors.

WY-0806-160 555.300 Acres
T.0500N, R.0930W, 06th PM, WY
Sec. 016 LOTS 2,3,14,15;
018 LOTS 1,2;
019 LOTS 1-4;
019 SENW,E2SW,NWSE,S2SE;
021 LOTS 1;
021 NWNW;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-161 1034.600 Acres
T.0500N, R.0930W, 06th PM, WY
Sec. 028 W2;
029 NWNW,S2NW,NWSE;
030 LOTS 1-4;
030 NE,E2W2,W2SE;
Big Horn County
Worland FO
Stipulations:

Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Raptors.

WY-0806-162 1555.200 Acres
T.0500N, R.0930W, 06th PM, WY
Sec. 031 LOTS 1-4;
031 W2NE,E2W2,SE;032 N2,SE;
032 N2,SE;
033 W2NE,NENW,SW,NESE;
034 NWSW,S2S2;
Big Horn County
Worland FO
Stipulations
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Sage grouse.
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Raptors.

WY-0806-166 269.830 Acres
T.0460N, R.0940W, 06th PM, WY
Sec. 003 LOTS 6,11-14,19,20;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-167 520.800 Acres
T.0490N, R.0940W, 06th PM, WY
Sec. 001 S2;
002 LOTS 4;
002 SWNW,NWSE,S2SE;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2

Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-168 2240.000 Acres
T.0490N, R.0940W, 06th PM, WY
Sec. 015 S2;
021 ALL;
022 ALL;
027 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.

WY-0806-169 2560.000 Acres
T.0490N, R.0940W, 06th PM, WY
Sec. 020 ALL;
028 ALL;
029 ALL;
032 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-170 2162.690 Acres
T.0500N, R.0940W, 06th PM, WY
Sec. 001 LOTS 1-3;
001 SENW;
002 LOTS 1-4;
002 S2N2,S2;
011 N2,SW;
013 NWSW,S2S2,NESE;
014 ALL;

Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-171 1925.280 Acres
T.0500N, R.0940W, 06th PM, WY
Sec. 003 LOTS 1-4;
003 S2N2,S2;
010 ALL;
015 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.

WY-0806-172 1774.350 Acres
T.0500N, R.0940W, 06th PM, WY
Sec. 004 LOTS 1,2;
004 S2N2,S2;
005 LOTS 1,2;
005 S2NE,S2;
009 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-173 2560.000 Acres
T.0500N, R.0940W, 06th PM, WY
Sec. 008 ALL;
017 ALL;
020 ALL;

021 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.

WY-0806-174 480.000 Acres
T.0500N, R.0940W, 06th PM, WY
Sec. 011 SE;
025 S2N2,SE;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-175 475.820 Acres
T.0500N, R.0940W, 06th PM, WY
Sec. 018 LOTS 3,4;
018 E2,E2SW;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-176 640.000 Acres
T.0500N, R.0940W, 06th PM, WY
Sec. 022 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2

Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.

WY-0806-177 1920.000 Acres
T.0500N, R.0940W, 06th PM, WY
Sec. 023 W2;
024 S2;
026 ALL;
035 ALL;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.

WY-0806-178 594.320 Acres
T.0510N, R.0940W, 06th PM, WY
Sec. 001 LOTS 3-6; 0
01 E2SW,SWSW;
012 W2;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-179 463.240 Acres
T.0510N, R.0940W, 06th PM, WY
Sec. 016 LOTS 1-4;
017 LOTS 1-6;
017 SWSW (EXCL 4.00 AC IN 017 RSVR ROW WYB027154);
018 LOTS 7,8;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-180 622.610 Acres
T.0510N, R.0940W, 06th PM, WY
Sec. 019 LOTS 2,6,7;
019 SESW,SE;
032 E2;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-181 1909.450 Acres
T.0510N, R.0940W, 06th PM, WY
Sec. 033 ALL;
034 ALL;
035 LOTS 1-4;
035 W2E2,W2;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-184 2107.780 Acres
T.0470N, R.0950W, 06th PM, WY
Sec. 004 LOTS 5-8,11-14,17-20;
005 LOTS 5-20;
006 LOTS 8-15;
007 LOTS 5-20;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-185 2034.250 Acres
T.0470N, R.0950W, 06th PM, WY

Sec. 008 LOTS 1-6;
009 LOTS 1,2,7-16;
015 LOTS 1-16;
017 LOTS 1-16;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-186 1949.710 Acres
T.0470N, R.0950W, 06th PM, WY
Sec. 018 LOTS 5-20;
019 LOTS 5-20;
020 LOTS 1-16;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within 1/4mile of a Sage grouse strutting/dancing ground will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Worland Field Office GIS database; (3)protecting Sage grouse breeding habitat.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

WY-0806-187 1380.790 Acres
T.0470N, R.0950W, 06th PM, WY
Sec. 021 LOTS 1-16;
022 LOTS 1-16;

023 LOTS 15,16;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Sage grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-188 643.480 Acres
T.0480N, R.0950W, 06th PM, WY
Sec. 029 LOTS 3-6;
031 LOTS 7-10,15-18;
034 LOTS 11-14;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

WY-0806-189 357.560 Acres
T.0500N, R.0950W, 06th PM, WY
Sec. 025 LOTS 1,2;
025 NE,NESW,N2SE;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

WY-0806-190 1280.000 Acres
T.0500N, R.0950W, 06th PM, WY
Sec. 029 ALL;
032 ALL;
Big Horn County
Worland FO
Stipulations:

Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.

August 2008 PARCELS

WY-0808-101 1240.120 Acres
T.0480N, R.0890W, 06th PM, WY
Sec. 006 LOTS 1-7;
006 S2NE,SENW,E2SW,SE;
007 LOTS 1-4;
007 E2,E2W2;
Washakie County
Worland FO Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Raptors.

WY-0808-102 1807.890 Acres
T.0480N, R.0890W, 06th PM, WY
Sec. 019 LOTS 1-4;
019 SWNE,E2W2,SE;
030 LOTS 5-32;
030 NWNE,SENW,E2SW,SWSE;
031 LOTS 1-4;
031 E2,E2W2;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Raptors.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of
anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.
CSU (1) Surface occupancy or use within 500' of riparian areas will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of

anticipated impacts; (2) as mapped on the Worland Field Office GIS database; (3) protecting aquatic, watershed and riparian areas.

WY-0808-105 1519.800 Acres
T.0490N, R.0900W, 06th PM, WY
Sec. 006 LOTS 10-13;
006 TR 83J,83O;
007 LOTS 5-10;
007 TR 83O,84B,84C,84F,84G,84J;
007 TR 84K,84N,84O;
017 TR 60; 018 LOTS 5-9;
018 TR 60,85A,85B,85C,85F,85G;
018 TR 85H;
T.0490N, R.0910W, 06th PM, WY
Sec. 001 LOTS 9,10;
001 NESW;
001 TR 83N,83P,83Q;
012 LOTS 1,6;
012 E2SW;
012 TR 83Q,84E,84F,84O;
013 LOTS 1,5,6;
013 TR 85F,85M;
Big Horn County
Worland FO Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Raptors.

WY-0808-113 986.520 Acres
T.0430N, R.0910W, 06th PM, WY
Sec. 017 NW,NESW,S2SW,W2SE;
018 LOTS 5,7; 018 SENW,E2SW;
019 NENE;
T.0430N, R.0920W, 06th PM, WY
Sec. 012 LOTS 1,2;
012 W2NE,SW,SWSE;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1

Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

WY-0808-114 640.000 Acres
T.0480N, R.0910W, 06th PM, WY
Sec. 014 ALL;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.

WY-0808-120 75.860 Acres
T.0460N, R.0920W, 06th PM, WY
Sec. 007 LOTS 15,16;
030 TR 76A;
T.0460N, R.0930W, 06th PM, WY
Sec. 012 TR 101J;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and

maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

WY-0808-120 75.860 Acres
T.0460N, R.0920W, 06th PM, WY
Sec. 007 LOTS 15,16;
030 TR 76A;
T.0460N, R.0930W, 06th PM, WY
Sec. 012 TR 101J;
Washakie County
Worland FO S
tipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

WY-0808-121 400.000 Acres
T.0520N, R.0920W, 06th PM, WY
Sec. 005 TR 54A,54B,54C,60E,60F,60G;
005 TR 60I,60J,60K,60L;
006 TR 60E,60L;
Big Horn County
Cody FO
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
CSU (1) Surface occupancy or use will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Worland Field Office GIS database; (3) protecting Class I and/or Class II Visual Resource Management Areas.

WY-0808-125 811.280 Acres
T.0470N, R.0950W, 06th PM, WY
Sec. 003 LOTS 5-20;
004 LOTS 9,10,15,16;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Raptors.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

WY-0808-126 1220.180 Acres
T.0470N, R.0950W, 06th PM, WY
Sec. 008 LOTS 7-16;
009 LOTS 3-6;
010 LOTS 1-16;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Raptors.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.

WY-0808-127 1581.540 Acres
T.0480N, R.0950W, 06th PM, WY
Sec. 007 LOTS 5,6,12-14,19,20;
018 LOTS 5-20;

019 LOTS 5-20;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Raptors.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

WY-0808-128 973.720 Acres
T.0480N, R.0950W, 06th PM, WY
Sec. 030 LOTS 5-20;
031 LOTS 5,6,11-14,19,20;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.

WY-0808-129 1277.610 Acres
T.0510N, R.0950W, 06th PM, WY
Sec. 018 LOT 51 OF TR 58;
018 LOT 52 OF TR 58;
018 LOT 50 OF TR 63;
018 LOT 29 OF TR 66;
018 LOT 31 OF TR 66;
018 LOT 34 OF TR 66;
018 LOT 43 OF TR 66;
018 LOT 44 OF TR 66;
018 LOT 45 OF TR 66;
019 LOT 6 OF TR 58;

019 LOT 7 OF TR 58;
019 LOT 16 OF TR 58;
019 LOT 17 OF TR 58;
019 LOT 8 OF TR 63;
019 LOT 15 OF TR 63;
022 LOTS 16,21,22,24,39;
022 LOT 11 OF TR 52;
022 LOT 15 OF TR 52;
022 LOT 23 OF TR 52;
022 LOT 25 OF TR 52;
022 LOT 26 OF TR 52;
022 LOT 35 OF TR 52;
022 LOT 36 OF TR 52;
022 LOT 38 OF TR 52;
023 LOTS 5,7,13,17,19,22,23,26;
023 LOTS 28,29;
023 SESW,NESE,S2SE;
024 LOTS 3,7,8,11,12,15;
024 SENW,NWSW,S2S2,NESE;
Big Horn County
Worland FO
Cody FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
CSU (1) Surface occupancy or use within 500' of riparian areas will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Cody Field Office GIS database; (3) protecting aquatic, watershed and riparian areas.
CSU (1) Surface occupancy or use within 1/4 mile or visual horizon of trail whichever is closer may be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Cody Field Office GIS database; (3) protecting cultural and scenic values of the Bridger Trail, Nez Perce (Neemepoo) Trail, Fort Washakie to Red Lodge stage route and the Wiley and Sidon Canals.
CSU (1) Surface occupancy or use may be restricted or prohibited if paleontological sites exist unless paleontological sites are avoided or the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Cody Field Office GIS database; (3) protecting significant Bighorn Basin paleontological resources.

WY-0808-137 2422.170 Acres
T.0470N, R.0960W, 06th PM, WY
Sec. 005 LOTS 5-12,15-18;

006 LOTS 8-23;
007 LOTS 5-20;
008 LOTS 1-16;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
CSU (1) Surface occupancy or use will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Worland Field Office GIS database; (3) protecting Class I and/or Class II Visual Resource Management Areas.

WY-0808-138 2557.420 Acres
T.0470N, R.0960W, 06th PM, WY
Sec. 017 LOTS 1-16;
018 LOTS 5-20;
019 LOTS 5-20;
020 LOTS 1-4,6-16;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Worland Field Office GIS database; (3) protecting Class I and/or Class II Visual Resource Management Areas.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

WY-0808-139 205.360 Acres
T.0440N, R.0970W, 06th PM, WY
Sec. 023 LOTS 2-4;
023 NENE,NESE;

Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

WY-0808-140 1152.160 Acres
T.0460N, R.0970W, 06th PM, WY
Sec. 007 LOTS 1-4;
007 E2W2,N2SE,SWSE;
010 SE;
017 W2,SE;
027 N2SW;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Raptors.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within 1/4 mile of a Greater sage-grouse strutting/dancing ground will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Worland Field Office GIS database; (3) protecting Greater sage-grouse breeding habitat.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

WY-0808-141 2556.550 Acres
T.0470N, R.0970W, 06th PM, WY
Sec. 001 LOTS 1-4;
001 S2N2,S2;
002 LOTS 1-4;
002 S2N2,S2;
011 ALL;
012 ALL;
Washakie County
Worland FO Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
CSU (1) Surface occupancy or use will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Worland Field Office GIS database; (3) protecting Class I and/or Class II Visual Resource Management Areas.

WY-0808-142 320.000 Acres
T.0470N, R.0970W, 06th PM, WY
Sec. 009 W2;
Hot Springs County
Worland FO Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Worland Field Office GIS database; (3) protecting Class I and/or Class II Visual Resource Management Areas.

WY-0808-143 2560.000 Acres
T.0470N, R.0970W, 06th PM, WY
Sec. 013 ALL;
014 ALL;
023 ALL;
024 ALL;
Washakie County
Worland FO

Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Raptors.
CSU (1) Surface occupancy or use will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Worland Field Office GIS database; (3) protecting Class I and/or Class II Visual Resource Management Areas.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

WY-0808-144 2550.240 Acres
T.0470N, R.0970W, 06th PM, WY
Sec. 017 ALL;
018 LOTS 1-4;
018 E2,E2W2;
019 LOTS 1-4;
019 E2,E2W2;
020 ALL;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Raptors.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Worland Field
Office GIS database; (3) protecting Class I and/or Class II Visual Resource Management Areas.

CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

WY-0808-145 1518.410 Acres
T.0470N, R.0970W, 06th PM, WY
Sec. 028 ALL;
029 N2,NESW,N2SE;
030 LOTS 4;
030 SESW,S2SE;
031 NE;
032 NWNW,S2NW;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Raptors.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Worland Field Office GIS database; (3) protecting Class I and/or Class II Visual Resource Management Areas.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

WY-0808-146 160.000 Acres
T.0470N, R.0980W, 06th PM, WY
Sec. 026 S2NW,N2SW;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1

Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of
anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

OCTOBER 2008 PARCELS

WY-0810-132 904.200 Acres
T.0440N, R.0890W, 06th PM, WY
Sec. 019 LOTS 5-8;
019 SESW;
020 SW;
029 W2,SE;
032 W2NW;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within 1/4 mile of a Greater sage-grouse strutting/dancing ground will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Worland Field Office GIS database; (3) protecting Greater sage-grouse breeding habitat.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such Species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Worland Field Office GIS database; (3) protecting *Centrocerus urophasianus* (Greater sage-grouse).

WY-0810-135 160.000 Acres
T.0470N, R.0900W, 06th PM, WY
Sec. 003 W2SW,SESW;
004 NESE;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such Species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed on the Fish and Wildlife Service County list.

WY-0810-148 160.000 Acres
T.0480N, R.0910W, 06th PM, WY
Sec. 009 SW;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect

any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Worland Field Office GIS database; (3) protecting *Centrocerus urophasianus* (Greater sage-grouse).

WY-0810-167 1625.310 Acres
T.0430N, R.0920W, 06th PM, WY
Sec. 001 LOTS 11;
001 SW,SWSE;
002 S2NE,W2SW,SESW,SE;
003 LOTS 5-8;
003 S2N2,NESW,SE;
010 NENE;
011 W2NE,SENE,NW,NESW,N2SE;
013 LOTS 4;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed on the Fish and Wildlife Service County list.

WY-0810-168 2320.000 Acres
T.0460N, R.0920W, 06th PM, WY
Sec. 013 N2SW;
014 ALL;
015 E2;
027 ALL;
034 ALL;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within 1/4 mile of a Greater sage-grouse strutting/dancing ground will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Worland Field Office GIS database; (3) protecting Greater sage-grouse breeding habitat.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Worland Field Office GIS database; (3) protecting *Centrocerus urophasianus* (Greater sage-grouse).

WY-0810-169 80.000 Acres
T.0500N, R.0920W, 06th PM, WY
Sec. 028 N2NW;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed on the Fish and Wildlife Service County list.

WY-0810-170 630.260 Acres
T.0510N, R.0920W, 06th PM, WY
Sec. 003 TR 62D;
010 LOTS 1-4;
010 W2,SWSE;
010 TR 62D,62E,62L;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or

endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such Species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed on the Fish and Wildlife Service County list.

WY-0810-174 600.000 Acres
T.0440N, R.0930W, 06th PM, WY
Sec. 035 N2,N2SW,SESW,SE;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Worland Field Office GIS database; (3) protecting *Centrocerus urophasianus* (Greater sage-grouse).

WY-0810-175 40.000 Acres
T.0450N, R.0930W, 06th PM, WY
Sec. 012 NWNW;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3

Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Worland Field Office GIS database; (3) protecting *Centrocerus urophasianus* (Greater sage-grouse).

WY-0810-176 400.000 Acres
T.0490N, R.0930W, 06th PM, WY
Sec. 012 W2NW,SENW,SW,W2SE,SESE;
Big Horn County
Worland FO
Formerly Lease No.
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it

completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed on the Fish and Wildlife Service County list.

WY-0810-177 720.000 Acres
T.0490N, R.0930W, 06th PM, WY
Sec. 013 ALL;
024 N2NW;
Big Horn County
Worland FO
Formerly Lease No.
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed on the Fish and Wildlife Service County list.

WY-0810-196 957.440 Acres
T.0460N, R.0980W, 06th PM, WY
Sec. 001 LOTS 1-4;

001 S2N2,S2;
012 N2;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Worland Field Office GIS database; (3) protecting *Centrocerus urophasianus* (Greater sage-grouse).

WY-0810-197 557.800 Acres
T.0460N, R.0980W, 06th PM, WY
Sec. 002 LOTS 1-4;
002 S2N2,N2SW,SE;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or

endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Worland Field Office GIS database; (3) protecting *Centrocerus urophasianus* (Greater sage-grouse).

WY-0810-198 240.000 Acres
T.0460N, R.0980W, 06th PM, WY
Sec. 002 S2SW;
003 SE;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Worland Field Office GIS database; (3) protecting *Centrocerus urophasianus* (Greater sage-grouse).

WY-0810-199 280.000 Acres
T.0460N, R.0980W, 06th PM, WY
Sec. 010 SE;
011 S2SW,SWSE;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2

Lease Notice No. 3
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such Species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed on the Fish and Wildlife Service County list.

WY-0810-200 320.000 Acres
T.0460N, R.0980W, 06th PM, WY
Sec. 012 S2;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and

management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Worland Field Office GIS database; (3) protecting
Centrocerus urophasianus (Greater sage-grouse).

WY-0810-201 1840.000 Acres
T.0460N, R.0980W, 06th PM, WY
Sec. 013 ALL;
014 ALL;
015 E2,E2NW;
024 NW;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of
anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including

completion of any required procedure for conference or consultation; (2) as mapped on the Worland Field Office GIS database; (3) protecting
Centrocerus urophasianus (Greater sage-grouse).

WY-0810-207 2480.000 Acres
T.0480N, R.0990W, 06th PM, WY
Sec. 003 S2N2,S2;
004 SESW;
011 NENW,NWSE;
014 ALL;
023 NENE,W2NW,SW;
026 N2,SE;
027 W2,SE;
Park County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Worland Field Office GIS database; (3) protecting *Centrocerus urophasianus* (Greater sage-grouse).

WY-0810-208 1796.440 Acres
T.0480N, R.0990W, 06th PM, WY
Sec. 019 LOTS 1-4;
019 E2W2;
030 SESE;
031 E2NE;
032 ALL;
033 W2NE,W2,SE;
034 SW;
Park County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Worland Field Office GIS database; (3) protecting *Centrocerus urophasianus* (Greater sage-grouse).

WY-0810-209 1120.000 Acres
T.0480N, R.0990W, 06th PM, WY
Sec. 028 NE,NENW,SW,N2SE,SESE;
029 ALL;
Park County

Worland FO
recommend modifications to exploration and
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed on the Fish and Wildlife Service County list.

WY-0810-211 440.000 Acres
T.0470N, R.1000W, 06th PM, WY
Sec. 023 N2,NESW,N2SE;
Park County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Raptors.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and

maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed on the Fish and Wildlife Service County list.

WY-0810-212 2160.000 Acres
T.0470N, R.1000W, 06th PM, WY
Sec. 024 W2NW,SENW,N2SW,NWSE;
025 NWNW,S2;
026 S2NE,SESW,SE;
034 ALL;
035 ALL;
Park County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Raptors.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or

endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed on the Fish and Wildlife Service County list.

DECEMBER 2008 PARCELS

WY-0812-171 1783.080 Acres
T.0440N, R.0930W, 06th PM, WY
Sec. 028 S2;
029 S2;
030 LOTS 3,4;
030 E2SW,SE;
031 LOTS 1,2;
031 NE,E2NW;
032 NE,N2NW,SWNW;
033 S2NE,NW;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0812-173 40.000 Acres
T.0490N, R.0950W, 06th PM, WY
Sec. 026 SWSE;
Big Horn County
Worland FO
SUNDANCE UNIT
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3

Special Lease Stipulation

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

FEBRUARY 2009 PARCELS

WY-0902-095 40.000 Acres
T.0460N, R.0930W, 06th PM, WY
Sec. 001 TR 102;
012 TR 102;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to Exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0902-096 1481.360 Acres
T.0510N, R.0930W, 06th PM, WY
Sec. 001 S2N2,E2SW,SE;
002 LOTS 1-4;
002 S2N2,SW,W2SE;
011 W2NE,SENE,NENW,E2SWSE;
012 NWNE,NENW,NESE;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1

Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to Exploration and development proposals to further its conservation and management objective to avoid
BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0902-097 702.110 Acres
T.0520N, R.0930W, 06th PM, WY
Sec. 030 LOTS 5,7,8,12,13;
031 LOTS 1-4;
031 W2NE,E2W2,SE;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) May 1 to Jun 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game during parturition.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to Exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0902-100 320.000 Acres
T.0490N, R.0940W, 06th PM, WY
Sec. 026 N2;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to Exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0902-104 479.830 Acres
T.0500N, R.0960W, 06th PM, WY
Sec. 001 LOTS 5,6;
001 S2NE;
012 SESW,SE;
025 N2NE,SENE;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to Exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect

any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

APRIL 2009 PARCELS

WY-0904-039 80.370 Acres
T.0430N, R.0930W, 06th PM, WY
Sec. 002 LOTS 1,2;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3 S
pecial Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big Game on crucial winter range.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting *Centrocercus urophasianus* (Greater sage- grouse).

WY-0904-044 954.680 Acres
T.0500N, R.0940W, 06th PM, WY
Sec. 006 LOTS 6,7;
006 E2SW;
023 E2;
028 N2,SW;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting *Centrocercus urophasianus* (Greater sage- grouse).

JUNE 2009 PARCELS

WY-0906-050 40.000 Acres
T.0480N, R.0910W, 06th PM, WY
Sec. 025 SESE;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0906-051 534.830 Acres
T.0430N, R.0920W, 06th PM, WY
Sec. 005 TR 37G;
006 LOTS 8-16;
006 TR 37A,37B,37C,37D,37F,37G;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.

CSU (1) Surface occupancy or use within 1/4 mile or visual horizon of the trail, whichever is closer, may be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Worland Field Office GIS database; (3) protecting cultural and scenic values of the Bridger Trail. CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0906-057 520.000 Acres
T.0500N, R.0960W, 06th PM, WY
Sec. 012 NE,SWSW;
013 E2;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0906-065 1687.280 Acres
T.0510N, R.0980W, 06th PM, WY

Sec. 026 ALL;
027 ALL;
028 LOTS 1,21,22,24,39;
028 SESE;
033 LOTS 1,12,13,20;
033 E2E2;
Park County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Greater sage-grouse.
TLS (1) Nov 15 to Mar 15; (2) as mapped on the Worland Field Office GIS database; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse) on winter concentration areas.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Worland Field Office GIS database; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0906-069 160.000 Acres
T.0450N, R.1000W, 06th PM, WY
Sec. 005 SW;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Worland Field Office GIS database; (3) protecting *Ursus arctos horribilis* (Grizzly bear).

AUGUST 2009 PARCELS

WY-0908-037 220.000 Acres
T.0480N, R.0900W, 06th PM, WY
Sec. 007 W2E2;
018 SWNW,S2SENW;
Washakie County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0908-041 1698.020 Acres
T.0510N, R.0930W, 06th PM, WY
Sec. 005 LOTS 4;
006 LOTS 1-7;
006 SENW,E2SW,SE;
007 E2,E2NW;
008 LOTS 1-3;
008 SWSW;
017 LOTS 1,4;
017 W2W2,SENW,NESW;
020 NENW,W2W2,SESW;
Big Horn County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2

Lease Notice No. 3
Special Lease Stipulation
TLS (1) May 1 to Jun 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game during parturition.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM mAy recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

OCTOBER 2009 PARCELS

WY-0910-063 240.000 Acres
T.0460N, R.0980W, 06th PM, WY
Sec. 015 W2NW,SW;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3) protecting nesting Raptors.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3) protecting big game on crucial winter range.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to Avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

DECEMBER 2009 PARCELS

WY-0912-068 640.000 Acres
T.0470N, R.0980W, 06th PM, WY
Sec. 020 NE,W2W2,E2SE;0
21 W2W2,SESE;
022 SESE;
Hot Springs County
Worland FO
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Greater sage-grouse.
TLS (1) Feb 1 to Jul 31; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Raptors.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.
CSU (1) Surface occupancy or use within the overlapping big game crucial winter ranges will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts. This may include development, operations and maintenance of facilities; (2) as mapped on the Worland Field Office GIS database; (3) protecting habitat quality and preventing loss of overlapping big game crucial winter ranges.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C.§ 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Worland Field Office GIS database; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0912-072 545.250 Acres
T.0480N, R.0990W, 06th PM, WY
Sec. 005 LOTS 1-8; 005 S2N2;006 LOTS 1,2,8,9;006 S2NE;
Park County
Worland FO

Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on the Worland Field Office GIS database; (3)protecting nesting Greater sage-grouse.
TLS (1) Nov 15 to Apr 30; (2) as mapped on the Worland Field Office GIS database; (3)protecting big game on crucial winter range.
CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C.§ 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Worland Field Office GIS database; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

APPENDIX B

Parcel Information

Lease Serial Number	Parcel ID	Status	acreage	bonus bid	rental	filing fee	Lease Issuance recommendation	Recommend deferral for RMP Revision	Recommend deferral for Sage Grouse Core Areas	Recommend deferral for Wilderness Characteristics	Recommend deferral for Stipulation Modification
	0806-73	Noncompetitive	2503.46				Defer Issuance		X		
	0806-74	Noncompetitive	2518.21				Defer Issuance		X		
	0806-75	Noncompetitive	2056.99				Defer Issuance		X		
	0806-76	Noncompetitive	1711.25				Defer Issuance		X		
	0806-77	Noncompetitive	2560				Defer Issuance		X		
	0806-78	Noncompetitive	1926.08				Defer Issuance		X		
	0806-79	Noncompetitive	2040				Defer Issuance		X		
	0806-80	Noncompetitive	2200				Defer Issuance		X		
	0806-81	Noncompetitive	2193.76				Defer Issuance		X		
	0806-82	Noncompetitive	1917.12				Defer Issuance		X		
	0806-84	Noncompetitive	2518.83				Defer Issuance		X		
WYW 176673	0806-85	Sold, not issued	1851.46		2,778.00	360.00					
	0806-86	Noncompetitive	2262.42				Defer Issuance		X		
	0806-87	Noncompetitive	2295.55				Defer Issuance		X		
WYW 176582	0806-91	Sold, not issued	560.36	$7,293.00	841.50	140.00	Defer Issuance		X		
WYW 176583	0806-92	Sold, not issued	80.63	$162.00	121.50	140.00					
WYW 176584	0806-93	Sold, not issued	2199.76	$4,400.00	3,300.00	140.00					
WYW 176674	0806-94	Sold, not issued	399.03		600.00	360.00					
WYW 177014	0806-95	Sold, not issued	2480.00		3,720.00	360.00					
WYW 176585	0806-96	Sold, not issued	2518.42	$5,038.00	3,778.50	140.00					
WYW 176586	0806-97	Sold, not issued	2557.50	$5,116.00	3,837.00	140.00					
WYW 176587	0806-98	Sold, not issued	890.00	$1,780.00	1,335.00	140.00					
WYW 176675	0806-99	Sold, not issued	960.00		1,440.00	360.00					
WYW 176588	0806-100	Sold, not issued	661.12	$1,324.00	993.00	140.00					
	0806-101	Noncompetitive	2488.61								
	0806-102	Noncompetitive	1943.36								
WYW 176676	0806-103	Sold, not issued	972.65		1,459.50	360.00					
WYW 176677	0806-104	Sold, not issued	1264.72		1,897.50	360.00					
WYW 176678	0806-105	Sold, not issued	320.00		480.00	360.00					
WYW 176679	0806-106	Sold, not issued	440.00		660.00	360.00					
WYW 176680	0806-107	Sold, not issued	1051.28		1,578.00	360.00					
WYW 176681	0806-108	Sold, not issued	1920.00		2,880.00	360.00					
	0806-109	Noncompetitive	2299.36								

	0806-110	Noncompetitive	2203.32				Defer Issuance		X		
	0806-111	Noncompetitive	2522.24								
	0806-112	Noncompetitive	1921.2								
	0806-113	Noncompetitive	1920.8								
	0806-114	Noncompetitive	1920.16								
WYW 176682	0806-115	Sold, not issued	1886.09		2,830.50	360.00					
WYW 176683	0806-116	Sold, not issued	1766.83		2,650.50	360.00					
	0806-117	Noncompetitive	1360								
	0806-118	Noncompetitive	2399.45								
	0806-119	Noncompetitive	1920.53								
WYW 176685	0806-127	Sold, not issued	2492.40		3,739.50	360.00					
WYW 176686	0806-128	Sold, not issued	320.00		480.00	360.00					
WYW 176593	0806-126	Sold, not issued	889.46	$48,950.00	1,335.00	140.00					
WYW 176594	0806-129	Sold, not issued	442.75	$886.00	664.50	140.00					
WYW 176595	0806-130	Sold, not issued	1968.45	$3,938.00	2,953.50	140.00					
WYW 176596	0806-131	Sold, not issued	2560.00	$5,120.00	3,840.00	140.00					
WYW 176597	0806-132	Sold, not issued	1268.18	$2,538.00	1,903.50	140.00					
WYW 176598	0806-133	Sold, not issued	1701.93	$3,404.00	2,553.00	140.00					
WYW 176599	0806-134	Sold, not issued	1559.37	$3,120.00	2,340.00	140.00					
WYW 176600	0806-135	Sold, not issued	1481.62	$2,964.00	2,223.00	140.00					
WYW 176601	0806-136	Sold, not issued	1781.80	$3,564.00	2,673.00	140.00					
WYW 176602	0806-137	Sold, not issued	1263.82	$15,168.00	1,896.00	140.00					
WYW 176603	0806-138	Sold, not issued	1906.09	$22,884.00	2,860.50	140.00					
WYW 176604	0806-139	Sold, not issued	800.00	$32,000.00	1,200.00	140.00					
WYW 176605	0806-140	Sold, not issued	1920.00	$3,840.00	2,880.00	140.00					
WYW 176687	0806-141	Sold, not issued	1725.09		2,589.00	360.00					
WYW 176688	0806-142	Sold, not issued	2143.04		3,216.00	360.00					
WYW 176606	0806-143	Sold, not issued	2329.28	$4,660.00	3,495.00	140.00					
WYW 176689	0806-144	Sold, not issued	1965.89		2,949.00	360.00					
WYW 176690	0806-145	Sold, not issued	480.00		720.00	360.00					
WYW 176691	0806-146	Sold, not issued	728.80		1,093.50	360.00					
WYW 176692	0806-147	Sold, not issued	440.00		660.00	360.00					
WYW 176693	0806-148	Sold, not issued	353.77		531.00	360.00					
WYW 176607	0806-149	Sold, not issued	1865.68	$3,732.00	2,799.00	140.00					
	0806-150	Noncompetitive	6.91								
WYW 176612	0806-155	Sold, not issued	1320.00	$21,120.00	1,980.00	140.00					
WYW 176613	0806-156	Sold, not issued	1158.46	$30,134.00	1,738.50	140.00	Defer Issuance	X		X	

WYW	176614	0806-157	Sold, not issued	800.00	$8,800.00	1,200.00	140.00					
WYW	176615	0806-158	Sold, not issued	2306.63	$27,684.00	3,460.50	140.00					
WYW	176616	0806-159	Sold, not issued	1284.44	$33,410.00	1,927.50	140.00					
WYW	176617	0806-160	Sold, not issued	555.71	$15,012.00	834.00	140.00					
WYW	176618	0806-161	Sold, not issued	1034.60	$27,945.00	1,552.50	140.00	Defer Issuance	X		X	
WYW	176619	0806-162	Sold, not issued	1555.20	$18,672.00	2,334.00	140.00	Defer Issuance	X		X	
WYW	176623	0806-166	Sold, not issued	269.83	$12,150.00	405.00	140.00					
WYW	176624	0806-167	Sold, not issued	520.80	$59,915.00	781.50	140.00	Defer Issuance	X		X	
WYW	176625	0806-168	Sold, not issued	2240.00	$56,000.00	3,360.00	140.00	Defer Issuance	X		X	
WYW	176626	0806-169	Sold, not issued	2560.00	$76,800.00	3,840.00	140.00	Defer Issuance	X		X	
WYW	176627	0806-170	Sold, not issued	2162.69	$64,890.00	3,244.50	140.00					
WYW	176628	0806-171	Sold, not issued	1925.28	$77,040.00	2,889.00	140.00					
WYW	176629	0806-172	Sold, not issued	1689.13	$53,250.00	2,535.00	140.00					
WYW	176630	0806-173	Sold, not issued	2560.00	$64,000.00	3,840.00	140.00	Defer Issuance	X		X	
WYW	176631	0806-174	Sold, not issued	480.00	$14,400.00	720.00	140.00	Defer Issuance	X		X	
WYW	176632	0806-175	Sold, not issued	475.82	$19,040.00	714.00	140.00	Defer Issuance	X	X	X	
WYW	176633	0806-176	Sold, not issued	640.00	$19,200.00	960.00	140.00					
WYW	176634	0806-177	Sold, not issued	1920.00	$48,000.00	2,880.00	140.00	Defer Issuance	X		X	
WYW	176635	0806-178	Sold, not issued	594.32	$41,650.00	892.50	140.00					
WYW	176636	0806-179	Sold, not issued	463.24	$27,840.00	696.00	140.00					
WYW	176637	0806-180	Sold, not issued	622.61	$62,300.00	934.50	140.00					
WYW	176638	0806-181	Sold, not issued	1909.45	$210,100.00	2,865.00	140.00					
WYW	176641	0806-184	Sold, not issued	2107.78	$63,240.00	3,162.00	140.00					
WYW	176642	0806-185	Sold, not issued	2034.25	$61,050.00	3,052.50	140.00					
WYW	176643	0806-186	Sold, not issued	1949.71	$58,500.00	2,925.00	140.00					
WYW	176644	0806-187	Sold, not issued	1380.79	$20,715.00	2,071.50	140.00	Defer Issuance	X	X		
WYW	176645	0806-188	Sold, not issued	643.48	$22,540.00	966.00	140.00					
WYW	176646	0806-189	Sold, not issued	357.56	$23,270.00	537.00	140.00	Defer Issuance	X	X	X	
WYW	176647	0806-190	Sold, not issued	1280.00	$38,400.00	1,920.00	140.00	Defer Issuance	X	X	X	
		0808-101	Noncompetitive	1677.76				Defer Issuance	X	X		
WYW	177170	0808-102	Sold, not issued	1807.89	$3,616.00	2,712.00	140.00					
WYW	177173	0808-105	Sold, not issued	1519.80	$3,040.00	2,280.00	140.00					
WYW	177181	0808-113	Sold, not issued	986.52	$25,662.00	1,480.50	140.00					
WYW	177182	0808-114	Sold, not issued	640.00	$21,760.00	960.00	140.00					
WYW	177188	0808-120	Sold, not issued	75.86	$4,028.00	114.00	140.00					
WYW	177189	0808-121	Sold, not issued	400.00	$4,400.00	600.00	140.00					
WYW	177193	0808-125	Sold, not issued	811.28	$13,804.00	1,218.00	140.00					

WYW	177194	0808-126	Sold, not issued	1220.18	$21,978.00	1,831.50	140.00					
WYW	177195	0808-127	Sold, not issued	1581.54	$44,296.00	2,373.00	140.00					
WYW	177196	0808-128	Sold, not issued	973.72	$15,584.00	1,461.00	140.00					
WYW	177197	0808-129	Sold, not issued	1277.61	$115,020.00	1,917.00	140.00					
WYW	177205	0808-137	Sold, not issued	2422.17	$24,230.00	3,634.50	140.00	Defer Issuance	X		X	
WYW	177206	0808-138	Sold, not issued	2557.42	$10,232.00	3,837.00	140.00	Defer Issuance	X		X	
WYW	177207	0808-139	Sold, not issued	205.36	$1,442.00	309.00	140.00					
WYW	177208	0808-140	Sold, not issued	1152.16	$3,459.00	1,729.50	140.00	Defer Issuance	X	X	X	
WYW	177209	0808-141	Sold, not issued	2556.55	$33,241.00	3,835.50	140.00	Defer Issuance	X		X	
WYW	177210	0808-142	Sold, not issued	320.00	$1,920.00	480.00	140.00					
WYW	177211	0808-143	Sold, not issued	2560.00	$25,600.00	3,840.00	140.00	Defer Issuance	X		X	
WYW	177212	0808-144	Sold, not issued	2550.24	$30,612.00	3,826.50	140.00	Defer Issuance	X	X		
WYW	177213	0808-145	Sold, not issued	1518.41	$60,760.00	2,278.50	140.00	Defer Issuance	X	X		
WYW	177214	0808-146	Sold, not issued	160.00	$4,800.00	240.00	140.00					
WYW	177274	0806-120	Sold, not issued	640.00		960.00	360.00					
WYW	177414	0810-132	Sold, not issued	904.20	$1,810.00	1,357.50	140.00					
WYW	177417	0810-135	Sold, not issued	160.00	$320.00	240.00	140.00					
WYW	177430	0810-148	Sold, not issued	160.00	$320.00	240.00	140.00					
WYW	177449	0810-167	Sold, not issued	1625.31	$9,756.00	2,439.00	140.00					
WYW	177450	0810-168	Sold, not issued	2320.00	$51,040.00	3,480.00	140.00					
WYW	177451	0810-169	Sold, not issued	80.00	$4,480.00	120.00	140.00					
WYW	177452	0810-170	Sold, not issued	630.26	$2,524.00	946.50	140.00					
WYW	177456	0810-174	Sold, not issued	600.00	$39,000.00	900.00	140.00					
WYW	177457	0810-175	Sold, not issued	40.00	$440.00	60.00	140.00					
WYW	177530	0810-176	Sold, not issued	400.00		600.00	365.00					
WYW	177531	0810-177	Sold, not issued	720.00		1,080.00	365.00					
WYW	177476	0810-196	Sold, not issued	957.44	$15,328.00	1,437.00	140.00					
WYW	177477	0810-197	Sold, not issued	557.80	$13,950.00	837.00	140.00					
WYW	177478	0810-198	Sold, not issued	240.00	$7,680.00	360.00	140.00					
WYW	177479	0810-199	Sold, not issued	280.00	$5,040.00	420.00	140.00					
WYW	177480	0810-200	Sold, not issued	320.00	$5,760.00	480.00	140.00					
WYW	177481	0810-201	Sold, not issued	1840.00	$33,120.00	2,760.00	140.00					
WYW	177487	0810-207	Sold, not issued	2480.00	$17,360.00	3,720.00	140.00					
WYW	177488	0810-208	Sold, not issued	1796.44	$10,782.00	2,695.50	140.00					
WYW	177489	0810-209	Sold, not issued	1120.00	$61,600.00	1,680.00	140.00					
WYW	177491	0810-211	Sold, not issued	440.00	$7,480.00	660.00	140.00					
WYW	177492	0810-212	Sold, not issued	2160.00	$239,760.00	3,240.00	140.00					

WYW	177804	0812-171	Sold, not issued	1783.08	$3,568.00	2,676.00	140.00					
WYW	177805	0812-173	Sold, not issued	40.00	$1,040.00	60.00	140.00	Defer Issuance	X		X	
WYW	178075	0902-95	Sold, not issued	40.00		60.00	365.00					
WYW	178033	0902-96	Sold, not issued	1401.36	$2,804.00	2,103.00	140.00					
WYW	178034	0902-97	Sold, not issued	702.11	$1,406.00	1,054.50	140.00					
WYW	178037	0902-100	Sold, not issued	320.00	$1,920.00	480.00	140.00	Defer Issuance	X		X	
WYW	178040	0902-104	Sold, not issued	479.83	$15,360.00	720.00	140.00	Defer Issuance	X		X	
		0904-39	Noncompetitive	80.37								
WYW	178197	0904-44	Sold, not issued	954.68	$26,740.00	1,432.50	140.00	Defer Issuance	X		X	
WYW	178365	0906-50	Sold, not issued	40.00	$80.00	60.00	140.00					
WYW	178371	0906-57	Sold, not issued	520.00	$33,800.00	780.00	140.00	Defer Issuance	X		X	
WYW	178378	0906-65	Sold, not issued	1687.28	$13,504.00	2,532.00	140.00					
WYW	178381	0906-69	Sold, not issued	160.00	$1,920.00	240.00	140.00					
WYW	178397	0906-51	Sold, not issued	534.83		802.50	365.00					
WYW	178517	0908-37	Sold, not issued	220.00	$2,420.00	330.00	140.00					
WYW	178520	0908-41	Sold, not issued	1698.02	$18,689.00	2,548.50	140.00					
WYW	178740	0910-63	Sold, not issued	240.00	$1,440.00	360.00	145.00					
WYW	178827	0912-68	Sold, not issued	640.00	$10,880.00	960.00	145.00	Defer Issuance	X	X		
WYW	178829	0912-72	Sold, not issued	545.25	$12,558.00	819.00	145.00					